

GEOTEXTILE TEST RESULTS

Product: GS55-17.5'
 Tracking #: 24BD10C12

Date: 16.01.24
 Test #: 410124
 Lot #: BD100124

Properties	Method	Unit	Value								Mean	Std.Dev	
			183	188	185	189	185	186	184	188	182	186	185.6
Weight	ASTM D5261	gsm	183	188	185	189	185	186	184	188	182	186	2.27
Grab tensile strength	ASTM D4632												
MD		lbs	354.4	323.4	351.5	368.0	365.7	327.9	364.7	382.9	366.1	356.07	19.41
TD		lbs	348.1	340.7	354.6	357.0	351.8	364.4	341.2	338.9	353.6	350.02	8.56
MD- Elong.		%	23.5	21.7	24.1	22.8	23.3	21.6	23.7	24.2	23.8	23.17	0.96
TD- Elong.		%	22.3	22.8	24.0	23.7	23.3	24.5	23.2	22.5	23.9	23.35	0.72
CBR test	ASTM D6241	lbs	1164.7	1161.1	1165.8	1162.9							
Trapezoidal Tear	ASTM D4533												
MD		lbs	145.8	144.3	145.8	138.4	141.4	144.5	145.5			143.66	2.76
TD		lbs	127.8	133.3	129.9	127.9	127.5	126.6	125.5			128.35	2.57
Flow rate (T: 20° C)	ASTM D4491	GPM/ft ²		1				2					
Thickness		mm	0.400	0.400	0.400	0.400	0.400	0.408	0.408	0.408	0.408	0.408	
Time		s	36.900	37.000	36.900	37	36.900	39.400	39.400	39.400	39.500	39.400	
Permittivity		s -1	0.077	0.077	0.077	0.077	0.077	0.071	0.071	0.071	0.071	0.071	
Flow rate		GPM/ft ²	4.922	4.908	4.922	4.922	4.922	4.609	4.609	4.609	4.598	4.609	
Permeability		cm/s	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
					3				4				
Thickness		mm	0.420	0.420	0.420	0.420	0.420	0.396	0.396	0.396	0.396	0.396	
Time		s	18.200	18.200	18.100	18.200	18.100	20.200	20.300	20.200	20.300	20.300	
Permittivity		s -1	0.157	0.157	0.158	0.157	0.158	0.138	0.137	0.138	0.137	0.137	0.1107 0.0384
Flow rate		GPM/ft ²	9.979	9.979	10.034	9.979	10.034	8.991	8.946	8.991	8.946	8.946	7.12 2.45
Permeability		cm/s	0.007	0.007	0.007	0.007	0.007	0.005	0.005	0.005	0.005	0.005	0.0045 0.0016
AOS	ASTM D 4751	mm	0.278									0.278	0.0516

Conclusion:
 Take from:

YES NO
 TN01-TN02-TN03-TN04-TN05-TN06-TN07

KCS

TEST REPORT

PRODUCT MASS PER UNIT AREA TEST RESULTS (ASTM D5261)

Date of testing: 18.01.24

Fabric	GS55	Tracking #	24BD10C12	Times of Testing	01	Lot#	BD100124
Specifications	17.5'	Date of Prod.	16.01.24	Test #			410124

No.	1	2	3	4	5	6	7	8	9	10	Mean	Std.Dev
Specimen size (mm ²)	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Mass per Unit Area (gsm)	183	188	185	189	185	186	184	188	182	186	185.6	2.27058

Yes :

No:

Solution for Non-Compliance:

Carried out by: MTN14; Calibrated by: SMEDEC1; Calibration No: 16609

Test results reported herein do not apply to samples other than those tested.

Chief of Division:

Operator

KHANG

TEST REPORT

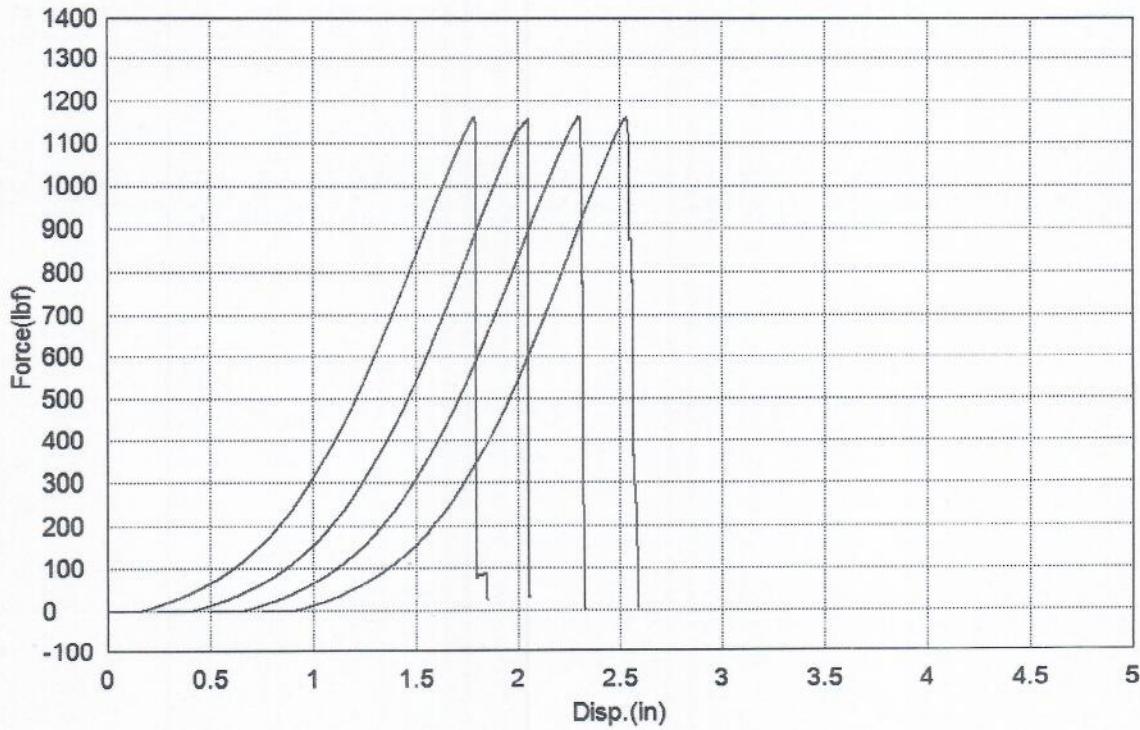
Company	GIA LOI JSC	Product Name	GS55
Address	Binh Duong, Viet Nam	Tracking #	24BD10C12
Method File Name	ASTM D4632..lmax	Test File Name	24BD10C12.ltax
Speed	12in/min	Lot #	BD100124
Test Type	Tensile	Date of prod	16.01.24
No of Batches:	2	Test #	410124
Qty/Batch:	9	Test Date	2024/01/17
Form	TN-QT D4632-BM01/00	Report Date	2024/01/17
Times of Testing	01	Operator	KHANG

Name	Break_Force	Break_Strain
Parameters	Sensitivity 10	Sensitivity 10
Unit	Ibf	%
1 _ 1	354.415	23.5170
1 _ 2	323.389	21.7173
1 _ 3	351.527	24.0506
1 _ 4	368.000	22.7841
1 _ 5	365.706	23.2508
1 _ 6	327.892	21.5842
1 _ 7	364.718	23.6506
1 _ 8	382.887	24.1839
1 _ 9	366.072	23.7838
Average	356.067	23.1692
Standard Deviation	19.4119	0.95604
Maximum	382.887	24.1839
Minimum	323.389	21.5842
2 _ 1	348.111	22.3175
2 _ 2	340.651	22.7841
2 _ 3	354.613	23.9844
2 _ 4	356.992	23.7175
2 _ 5	351.780	23.2510
2 _ 6	364.409	24.4510
2 _ 7	341.167	23.1841
2 _ 8	338.906	22.5172
2 _ 9	353.578	23.9176
Average	350.023	23.3472
Standard Deviation	8.55733	0.72362
Maximum	364.409	24.4510
Minimum	338.906	22.3175
TotalAverage	353.045	23.2582
TotalStandard	14.8815	0.82760
TotalMaximum	382.887	24.4510
TotalMinimum	323.389	21.5842

TEST REPORT

Company	GIA LOI JSC	Product Name	GS55
Address	Binh Duong, Viet Nam	Tracking #	24BD10C12
Method File Name	ASTM D6241.lmax	Test File Name	24BD10C12_6241.ltax
Speed	1.968504in/min	Lot #	BD100124
Test Type	Compression	Date of prod:	16.01.24
No of Batches:	1	Test #	410124
Qty/Batch:	4	Test Date	2024/01/25
Form	TN-QT D6241-BM01/00	Report Date	2024/01/25
Times of Testing	01	Operator	AN

Name	Max_Force
Parameters	Calc. at Entire
Unit	lbf
1 _ 1	1164.74
1 _ 2	1161.09
1 _ 3	1165.76
1 _ 4	1162.92
Average	1163.63
Standard Deviation	2.05952
Maximum	1165.76
Minimum	1161.09



Yes: . No: Solution for Non-compliance:

Carried out by: MTN12.Calibrated by:KT3.Calibration No:KT3-0251BC03/2
Test results reported herein do not apply to samples other than those tested.

TEST REPORT

Company	GIA LOI JSC	Product Name	GS55
Address	Binh Duong, Viet Nam	Tracking #	24BD10C12
Method File Name	ASTM D4533.lmax	Test File Name	24BD10C12_4533.ltax
Speed	11.81102in/min	Lot #	BD100124
Test Type	Tensile	Date of prod	16.01.24
No of Batches:	2	Test #	410124
Qty/Batch:	7	Test Date	2024/01/30
Form	TN-QT D4533-BM01/00	Report Date	2024/02/17
Times of Testing	01	Operator	AN

Name	Max_Force
Parameters	Calc. at Entire
Unit	lbf
1 _ 1	145.760
1 _ 2	144.261
1 _ 3	145.772
1 _ 4	138.420
1 _ 5	141.442
1 _ 6	144.498
1 _ 7	145.473
Average	143.661
Standard Deviation	2.75675
Maximum	145.772
Minimum	138.420
2 _ 1	127.772
2 _ 2	133.293
2 _ 3	129.945
2 _ 4	127.885
2 _ 5	127.461
2 _ 6	126.559
2 _ 7	125.530
Average	128.349
Standard Deviation	2.56509
Maximum	133.293
Minimum	125.530
TotalAverage	136.005
TotalStandard	8.34649
TotalMaximum	145.772
TotalMinimum	125.530

TEST REPORT
FALLING HEAD PERMITTIVITY (ASTM D 4491, 2.85-in Upper Standpipe; 50mm opening)

Date/time of testing: 18.01.24

Fabric	GS55	Tracking#	24BD10C12	Time of Testing	01	Lot#	BD100124
Specifications	17.5'	Date of Prod.	16.01.24	Test#			410124

Water Temp. °C 20.0

Correction Factor: 1.001

a-L:

41.7 cm²

A:

20.3 cm²

Trial	L				R				L				R				$\ln(h_0/h_1)$	Mean	Std.Dev	
	1				2				3				4							
Thickness (mm)	0.400	0.400	0.400	0.400	0.400	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.420	0.420	0.420	0.420	0.396	0.396	0.396	0.396
Time (s)	36.90	37.00	36.90	36.90	36.90	39.40	39.40	39.40	39.50	39.40	18.20	18.20	18.10	18.20	18.10	20.20	20.30	20.20	20.30	20.30
Permittivity (s ⁻¹)	0.077	0.077	0.077	0.077	0.077	0.071	0.071	0.071	0.071	0.071	0.157	0.157	0.158	0.157	0.158	0.138	0.137	0.138	0.137	0.137
Flow rate (GPM/ft ²)	4.92	4.91	4.92	4.92	4.92	4.61	4.61	4.61	4.60	4.61	9.98	9.98	10.03	9.98	10.03	8.99	8.95	8.99	8.95	8.95
Permeability (cm/s)	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.007	0.007	0.007	0.007	0.007	0.005	0.005	0.005	0.005	0.005
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>																	0.005	0.0016	

Solution for Non-Compliance:

Carried out by: IRM; Calibrated by: PTNGL; Calibration No: 0123

Test results reported herein do not apply to samples other than those tested.

Chief of Division

Operator

KHANG

TEST REPORT
DETERMINATION OF AOS OF GEOTEXTILE (ASTM D4751)

Date/time of Testing: 23.01.24

Fabric GS55

Specifications
17.5'

Date/time of submerge specimens: 22.01.24

Sample No	Range (mm)	US Std Mesh	Minimum Dia. (mm)	Wt.F+G Wt/Beads	Wt. F+G	Wt.Beads	% Retained/Lost	Wt.Pan Wt/Beads	Wt. Pan	Wt.Beads	% Passing	Wt.F+G Before	Wt.F+G After	Wt.Retained in Geotextile	% Retained in Geotextile
1	0.180 - 0.150	0.150	0.150	858.1	811.5	46.57	0.06	537.4	534	3.42	6.84	811.5	811.5	0.01	0.02%
2.	0.250 - 0.212	0.212	0.212	829.1	814.1	14.98	0.04	566.9	531.9	0.01	0.02	811.5	811.5	0.00	0.00%
3	0.250 - 0.212	0.212	0.212	833.2	806.4	26.75	0.10	557.2	534	23.24	46.48	806.4	806.4	0.01	0.02%
4	0.355 - 0.300	0.300	0.300	856.3	806.4	49.94	-0.08	534.1	534	0.06	0.12	806.4	806.4	0.00	0.00%
5	0.355 - 0.300	0.300	0.300	861.9	815.1	46.8	0.00	532.7	529.5	3.2	6.4	815.1	815.1	0.00	0.00%

Date/time of Prod.	16.01.24	Test #	410124
AOS = 0.278 mm	Std.Dev: 0.0516		

Yes No
Solution for Non-Compliance:

Carried out by: IIRM; Calibrated by: PTNGL; Calibration No: 0123
Test results reported herein do not apply to samples other than those tested.

Chief of Division

Operator

KHANG

TRACKING FORM OF USING TAPES													
Timestamp	NGÀY Date	CA Shift	MÁY Machine #	Tổ trưởng Team leader	Sản phẩm Product	MÃ CUỘN Roll #	Lô sợi GIẦN Warp lot	Lô sợi THOI Weft lot	Vị trí thoi đang kiểm	Vị trí số mét thứ At length position (m)	Khô vải thực tế Width(m)	Mật độ thoi thực tế Weft density/in.	Kiểm tra chỉ trùng, chỉ chéo, thưa cung Errors
1/11/2024 19:16	1/11/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C11	23A99	23B15	Giữa thoi	553	5.36	11.5	Không
1/12/2024 20:26	1/12/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C11	23A99	23B15	Giữa thoi	900	5.36	11.5	Không
1/16/2024 7:03	1/16/2024	Ca 1	BD10	GL1774-Võ Thị Thúy Liễu	GS5.5-17.5'	BD10C12	23B24	23B23	Giữa thoi	734	5.39	11.5	Không
1/16/2024 16:11	1/16/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C12	23B24	23B23	Giữa thoi	188	5.36	11.5	Không
1/17/2024 6:52	1/17/2024	Ca 1	BD10	GL1774-Võ Thị Thúy Liễu	GS5.5-17.5'	BD10C13	23B24	23B23	Giữa thoi	384	5.39	11.5	Không
1/17/2024 16:38	1/17/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C13	23B24	23B23	Giữa thoi	730	5.36	11.5	Không
1/25/2024 18:37	1/25/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C13	23B24	23B23	Giữa thoi	920	5.37	11.5	Không
1/26/2024 17:29	1/26/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C14	23B24	23B26	Giữa thoi	630	5.37	11.5	Không
1/27/2024 3:28	1/26/2024	Ca 3	BD10	GL1828-Nguyễn Thanh Tuấn	GS5.5-17.5'	BD10C15	23B24	23B26	Giữa thoi	160	5.38	11.5	Không
1/27/2024 17:26	1/27/2024	Ca 2	BD10	GL1777-Lại Thị Thanh Thủy	GS5.5-17.5'	BD10C15	23B24	23B26	Đầu thoi	318	5.37	11.5	Không
4/18/2024 7:43	4/18/2024	Ca 1	BD10	GL1774-Võ Thị Thúy Liễu	GS5.5-17.5'	BD10C18	23C31	23C33	Giữa thoi	824	5.36	11.5	Không

BẢNG KIỂM TRA TRỌNG LƯỢNG CHỈ SỢI

Ngày 12 tháng 1 năm 2024

Ca: 1 (2) 3

Chi tiêu	Máy	S203					
Loại sợi	PJ204						
Số lô sợi	23B24						
Bản sợi	195						
Trọng lượng	204						
Tốc độ cáo	68163						
Tốc độ lên màng	31,4						
V1	34,2						
V2	224,9						
V3	218,1						
V2/V1							
Vị trí	Lần 1(tex)	Bản chỉ	Độ dày	Lần 2	Lần 3	bản chỉ	
A 1	204	194	194	193	208	196	195
	201	194	195	195	200	191	192
A 2	209	197	198	197	209	197	198
	203	195	196	196	200	191	192
A 3	200	192	192	192	206	194	194
	200	193	194	194	207	196	197
A 4	210	198	199	198	207	197	196
	201	191	192	192	207	195	194
A 5	207	195	196	197	205	194	193
	206	196	195	195	204	193	194
B1	210	197	197	197	200	194	193
	202	192	193	194	210	197	198
B2	201	192	192	193	204	195	196
	202	193	192	193	205	193	194
B3	204	195	196	195	205	194	195
	209	197	198	198	207	197	196
B4	207	195	196	195	206	195	196
	205	194	194	194	207	196	195
B5							
Bình quân	204,5			194,75	205,38		

- Ghi chú:
1. Lúc mới lên máy: kiểm tra mẫu 2 xe liên tiếp(KT: tex, bản chỉ), khi ổn định mỗi 2 xe lấy mẫu 1 lần (KT tex) và không giới hạn số lần lấy mẫu khi cần thiết
 2. Mẫu kiểm tra không ít hơn 10% số lượng sợi trên giàn thêu

TT Sợi

57
Nguyễn Anh Tuấn

QC Sợi

Nguyễn Huỳnh Thành Toàn

GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD204	Tracking #	2.3B24
Test File Name	PD204 CA2 12.01.24 1.lta	Method File Name	D2256.lmax
Test Date	2024/01/12	Report Date	2024/01/12
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	1	Test #	
Date of prod	CA2 12.01.24	Melt pump	68
Intermediate stretching unit	34.2	Stretching Unit	224.9
Annealing unit	218.1	Operator	TOAN

Name	Break_Force	Break_Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	11.0007	21.2251	5.99167	204
1_2	10.3301	20.7651	5.71039	201
1_3	10.4460	21.5851	5.55343	209
1_4	10.6332	20.9651	5.82003	203
1_5	10.6945	19.6051	5.94139	200
1_6	10.4430	21.3051	5.80167	200
1_7	10.4887	21.4051	5.54958	210
1_8	10.5962	19.0651	5.85749	201
1_9	10.3278	18.9251	5.54364	207
1_10	10.6926	19.4651	5.76731	206
1_11	10.8929	20.7051	5.76344	210
1_12	10.9741	20.7651	6.03636	202
1_13	10.5207	19.6251	5.81575	201
1_14	10.7362	20.5051	5.90550	202
1_15	10.5844	19.9051	5.76492	204
1_16	10.8964	21.8851	5.79288	209
1_17	10.8888	20.9051	5.84477	207
1_18	10.6616	21.6451	5.77865	205
Average	10.6560	20.5695	5.79105	204.500
Standard Deviation	0.21092	0.92058	0.13925	3.50210
Maximum	11.0007	21.8851	6.03636	210.000
Minimum	10.3278	18.9251	5.54364	200.000

GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD204	Tracking #	2.3B24
Test File Name	PD204 CA2 12.01.24 2.lta	Method File Name	D2256.lmax
Test Date	2024/01/12	Report Date	2024/01/12
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	2	Test #	
Date of prod	CA2 12.01.24	Melt pump	68
Intermediate stretching unit	34.2	Stretching Unit	224.9
Annealing unit	218.1	Operator	TOAN

Name	Break Force	Break Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	10.4348	20.8651	5.57415	208
1_2	10.4428	21.6851	5.80156	200
1_3	10.7207	20.4851	5.69947	209
1_4	10.5244	20.6851	5.84689	200
1_5	10.4943	20.7851	5.66036	206
1_6	11.0857	20.3251	5.95046	207
1_7	10.8041	19.8251	5.79930	207
1_8	11.1581	21.1651	5.98932	207
1_9	10.7721	21.2251	5.83854	205
1_10	10.6819	20.9651	5.81803	204
1_11	10.7637	21.2651	5.97983	200
1_12	10.5110	21.4451	5.56138	210
1_13	10.4467	20.6851	5.68992	204
1_14	10.5512	19.5451	5.71881	205
1_15	10.3934	19.1251	5.63328	205
1_16	10.7648	19.4451	5.77821	207
1_17	10.4748	18.5851	5.64984	206
1_18	10.5964	21.0851	5.68782	207
Average	10.6456	20.5107	5.75984	205.389
Standard Deviation	0.21929	0.86633	0.12959	2.93336
Maximum	11.1581	21.6851	5.98932	210.000
Minimum	10.3934	18.5851	5.56138	200.000

BẢNG KIỂM TRA TRỌNG LƯỢNG CHỈ SỢI

Ngày 11.....tháng 01.....năm 2014

Ca: 1 2 3

Chi tiêu	Máy S23						
Loại sợi	PĐTF5						
Số lô sợi	27B23						
Bản sợi	195						
Trọng lượng	6185						
Tốc độ cao	66160						
Tốc độ lên màng	33.6						
V1	136.6						
V2	240.4						
V3	233.2						
V2/V1							
Vị trí	Lần 1(tex)	Bản chí	Độ dày	Lần 2	Lần 3	tex	Độ dày
A 1	183	190	1.96	1.97	1.98	1.95	1.96
	184	186	1.95	1.91	1.95	1.96	1.96
A 2	185	187	1.96	1.96	1.97	1.97	1.97
	180	180	1.91	1.91	1.92	1.93	1.93
A 3	187	187	1.96	1.96	1.97	1.95	1.95
	182	183	1.94	1.96	1.95	1.96	1.95
A 4	180	181	1.91	1.92	1.94	1.94	1.93
	183	181	1.91	1.95	1.95	1.92	1.91
A 5	188	187	1.97	1.98	1.97	1.91	1.9
	190	198	1.98	1.97	1.92	1.92	1.93
B1	186	195	1.95	1.96	1.90	1.9	1.9
	181	194	1.94	1.97	1.86	1.95	1.96
B2	185	192	1.94	1.95	1.83	1.94	1.93
	183	192	1.95	1.93	1.87	1.96	1.97
B3	185	195	1.96	1.96	1.99	1.97	1.97
	187	196	1.97	1.97	1.84	1.93	1.94
B4	184	194	1.94	1.95	1.94	1.95	1.96
	186	195	1.96	1.96	1.96	1.95	1.97
B5							
Bình quân		185.33		1.95	181.66	1.921	

Ghi chú:

1. Lúc mới lên máy: kiểm tra mẫu 2 xe liên tiếp (KT: tex, bản chí), khi ổn định mỗi 2 xe lấy mẫu 1 lần (KT tex) và không giới hạn số lần lấy mẫu khi cần thiết
2. Mẫu kiểm tra không ít hơn 10% số lượng sợi trên giàn thêu

TT Sợi

JL hca

QC Sợi

Trí

GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD185	Tracking #	2.3B23
Test File Name	PD185 CA1 11.01.24. 2.ita	Method File Name	D2256.lmax
Test Date	2024/01/11	Report Date	2024/01/11
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	2	Test #	
Date of prod	CA1 11.01.24	Melt pump	66
Intermediate stretching u	36.6	Stretching Unit	240.4
Annealing unit	233.2	Operator	TIEN

Name	Break Force	Break Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	9.72769	22.1251	5.74923	188
1_2	10.0387	23.3051	5.99683	186
1_3	10.0195	20.7651	5.95336	187
1_4	9.87923	24.0251	5.99832	183
1_5	9.89617	21.8051	5.94365	185
1_6	9.96740	21.0051	5.95424	186
1_7	10.0342	22.5051	6.05930	184
1_8	9.99326	21.6851	6.06755	183
1_9	9.95663	20.9651	6.11211	181
1_10	9.97648	22.6251	6.09065	182
1_11	9.92429	20.5051	6.12611	180
1_12	9.49786	21.1651	5.67375	186
1_13	10.2250	21.8051	6.20826	183
1_15	9.95225	22.8051	5.85082	189
1_16	9.78004	19.8851	5.90582	184
1_17	8.42092	23.3451	5.08510	184
1_18	10.1314	21.7051	6.05221	186
Average	9.84830	21.8839	5.93102	184.529
Standard Deviation	0.40193	1.11655	0.25677	2.42687
Maximum	10.2250	24.0251	6.20826	189.000
Minimum	8.42092	19.8851	5.08510	180.000

GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD185	Tracking #	2.3B23
Test File Name	PD185 CA1 11.01.24. 1.lta	Method File Name	D2256.lmax
Test Date	2024/01/11	Report Date	2024/01/11
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	1	Test #	
Date of prod	CA1 11.01.24	Melt pump	66
Intermediate stretching unit	36.6	Stretching Unit	240.4
Annealing unit	233.2	Operator	TIEN

Name	Break Force	Break Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	10.0412	23.4851	5.87205	190
1_2	10.2708	23.5051	6.13548	186
1_3	10.2000	21.1451	6.06061	187
1_4	10.0969	21.1251	6.23265	180
1_5	9.80022	21.7851	5.82307	187
1_6	9.71383	21.4251	5.89789	183
1_7	9.47055	21.2051	5.81372	181
1_8	9.96489	22.5451	6.01745	184
1_9	9.51464	22.8851	5.62331	188
1_10	9.66448	21.2251	5.65174	190
1_11	9.64081	21.7251	5.75915	186
1_12	10.1040	21.4451	6.10145	184
1_13	9.89560	21.7451	5.94330	185
1_14	9.57290	23.0851	5.81233	183
1_15	9.36990	22.4251	5.62757	185
1_16	10.1839	22.2051	6.05104	187
1_17	10.3895	20.7451	6.27385	184
1_18	9.91270	22.0051	5.92157	186
Average	9.87816	21.9840	5.92324	185.333
Standard Deviation	0.30020	0.84281	0.19637	2.70076
Maximum	10.3895	23.5051	6.27385	190.000
Minimum	9.36990	20.7451	5.62331	180.000

THEO DÕI SỐ LÔ SƠI
Yarns lot number tracking

Máy sợi số: S2.3

Stt No.	Ngày sản xuất Date	Ca SX Shift	PolyPropylene			Hạt màu Masterbatch color			UV			Vistamaxx/TSPPGL			Mã sợi Tape code	Số lô sợi Lot #	Số lượng (kg)	
			Mã số Code	Số lô Lot #	kgs	Mã số Code	Số lô Lot #	kgs	Mã số Code	Số lô Lot #	kgs	Mã số Code	Số lô Lot #	kgs				
16	11/1/2024	1	KHOA	PPH030	SLK42419	1875	D305	1072	60	UVTT	666	8	6102	V22112003A	20.3	PD185	23B23	1963.3
17	11/1/2024	2	TUAN	PPH030	SLK42419	300	D305	1072	9.6	UVTT	666	1.3	6102	V22112003A	3.2	PD185	23B23	314.1
18	11/1/2024	2	TUAN	PPH030	SLK42427	3325	D305	1072	106.4	UVTT	666	14.2	6102	V22112003A	35.9	PD204	23B24	3481.5
19	11/1/2024	3	TOAN	PPH030	SLK42427	3875	D305	1072	124	UVTT	666	16.6	6102	V22112003A	41.8	PD204	23B24	4057.4
20	12/1/2024	1	KHOA	PPH030	SLK42427	3750	D305	1072	120	UVTT	666	16	6102	V22112003A	40.5	PD204	23B24	3926.5
21	12/1/2024	2	TUAN	PPH030	SLK42427	2800	D305	1072	89.6	UVTT	666	12	6102	V22112003A	30.2	PD204	23B24	2931.8
22	12/1/2024	2	TUAN	PPH030	SLK42416	825	D305	1072	26.4	UVTT	666	3.5	6102	V22112003A	8.9	PD204	23B25	863.8
23	12/1/2024	3	TOAN	PPH030	SLK42416	3625	D305	1072	116	UVTT	666	15.5	6102	V22112003A	39.1	PD185	23B26	3795.6
24	13/1/2024	1	KHOA	PPH030	SLK42416	2725	D305	1072	87.2	UVTT	666	11.7	6102	V22112003A	29.4	PD185	23B26	2853.3
25	15/1/2024	1	TUAN	PPH030	SLE43415	1900	T91480	186	30.4	UVTT	666	8.1	6102	V22112003A	20.5	PT187	23B27	1959
26	15/1/2024	2	KH+TU	PPH030	SLE43415	3975	T91480	186	63.6	UVTT	666	17	6102	V22112003A	42.9	PT187	23B27	4098.5
27	15/1/2024	3	KHOA	PPH030	SLE43415	2750	T91480	186	44	UVTT	666	11.8	6102	V22112003A	29.7	PT187	23B27	2835.5

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 16/12/23
Tên NL: HFX 03:0

Ngày nhập kho: 16/12/23 Nhà cung cấp:
Mã số: PP. Z. H030. Gul. S.

Gulf polymers

STT	Số Lot	Số Lượng nhập về (Kg)	Số Lượng (Kg)	Số Bao	COA			Ngoại quan			
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Đơ, mốc	
1	SLICL42619	26750	500	20	X			X		2	
2	SLICL42616	69500	500	20	X			X		1	
3	SLICL42622	26750	500	20	X			X		X	
4											
5											
6											
7											

Người kiểm tra

19

NK: 16/11/2023



Saudi Polymers Company
P O Box 11221
Jubail Industrial City 31961
Jubail, Kingdom of Saudi Arabia
VAT Number SA 300449784800003

CoA Date: 19.11.2023

ORIGINAL

Certificate of Analysis

Shipped To: GIA LOI JOINT STOCK COMPANY
GROUP 2, PHUOC HAI, THAI HOA,
TAN UYEN DISTRICT,
BINH DUONG PROVINCE, VIETNAM
VIETNAM

Delivery #: 81005075
PO #: GPVN-02-10-23
Weight: 99.000 TON
Ship Date: 19.11.2023
Mode: Ocean

Sales Order No.: 9093765
L/C No.:

TO WHOM IT MAY CONCERN

Product:
4 X 40FT CONTAINERS CONTAINING :-

MARLEX POLYPROPYLENE RESIN
HGX-030 SP

Lot Number: SLK42416 Quantity 49.500 TON
Production Date: 05.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.0	g/10min

Number: SLK42419 Quantity 24.750 TON
Production Date: 06.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.1	g/10min



Saudi Polymers Company
P O Box 11221
Jubail Industrial City 31961
Jubail, Kingdom of Saudi Arabia
VAT Number SA 300449784800003

CoA Date: 19.11.2023
CPC Delivery #: 81005075

Certificate of Analysis

ORIGINAL

Lot Number: SLK42427 Quantity 24.750 TON
Production Date: 09.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.1	g/10min

The data set forth herein have been carefully compiled by Saudi Polymers Company.
However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

A handwritten signature in black ink, appearing to read "Fayed A Al-Amri".

Fayed A Al-Amri
QA/QC Lab Manager

For CoA questions contact Zacharias Correya at



Gulf Polymers
Distribution Company FZCO
Building 6EA, Office 420
P O Box 371379
Dubai Airport Free Zone
Dubai, United Arab Emirates
Tel: +971 4 606 7500
Fax: +971 4 606 7599

Packing List 81005075
Sales Order Number: 9093765

Page: 2
Date: 19.11.2023

ORIGINAL

Sold-To customer number: 10046520
GIA LOI JOINT STOCK COMPANY
GROUP 2, PHUOC HAI, THAI HOA,
TAN UYEN DISTRICT,
BINH DUONG PROVINCE, VIETNAM
Ship-To customer number: 20066816
GIA LOI JOINT STOCK COMPANY
GROUP 2, PHUOC HAI, THAI HOA,
TAN UYEN DISTRICT,
BINH DUONG PROVINCE, VIETNAM

Documentary Credit Number:

Vessel's Name:

EVER OATH 0430-037N

Estimated Dep. Date:

19.11.2023

COUNTRY OF ORIGIN:

Customer Order Number: GPVN-02-10-23

Order Date: 05.10.2023

Agent Code:

Container No.	Seal No.	Product Type	Batch No.	Qty
EGHU8513846	0702039	HGX-030 SP	SLK42419	24.750 MT
EMCU8225783	0702025	HGX-030 SP	SLK42416	24.750 MT
EMCU8657283	0702074	HGX-030 SP	SLK42427	24.750 MT
TGBU6144802	0702024	HGX-030 SP	SLK42416	24.750 MT

For Gulf Polymers Distribution Company FZCO



شركة بونيمرات الخليج للتوزيع م م ح | بناء ٦ اي ايه ، مكتب ٤٢٠ ، مطار دبي لمنطقة لحرة | ص.ب: ٣٧١٣٧٩ ، دبي، الإمارات العربية المتحدة
Gulf Polymers Distribution Company FZCO | Bldg. 6EA, Suite 420, Dubai Airport Free Zone | P.O. Box 371379, Dubai, United Arab Emirates

ذات مسؤولية محدودة تأسست بموجب لقانون رقم ٢ لسنة ١٩٩٦
FORMED PURSUANT TO LAW NO. 2 OF 1996 WITH LIMITED LIABILITY

CÔ PHÀN GIA LỢI

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày nhập kho:

Nhà cung cấp:

Thiên Tuy

Ngày kiểm: 30/12/23

Tên NL: Mực Den 3055

Mã số: MB-D 305B.TT.S

Chi Tiết Kiểm Tra

STT	Số Lot	Số Lượng nhập về (Kg)	Số Lượng (Kg)	Số Bao	COA		Khô	Ẩm / Uớt	Sạch sẽ	Ngoại quan	Dơ, mốc
					Có	Không					
1	1072	2000	500	20	X		X			X	
2											
3											
4											
5											
6											
7											

Người kiểm tra

22.

T T**THIỆU TRINH****CÔNG TY TNHH SẢN XUẤT VÀ THƯƠNG MẠI THIỆU TRINH**

ĐC: 85-87-89 Lê Văn Quới, P. Bình Trị Đông, Q. Bình Tân, TP.HCM

ĐT: 028.3978.3009-3978.3010-3978.3479-5426.3381

Website: www.thieutrinh.com

Fax: 028.3978.9356

Email: kinhdoanh@thieutrinh.com

SHAO ZHEN MASTERBATCH

Date : 30 December 2023

Số: 30122023-02

CERTIFICATE OF QUALITY ANALYSIS

It is hereby certified that the product described below is manufactured by Thieu Trinh Co., LTD.

The below is a summary of test results obtained from production samples.

Production Description	Black Masterbatch 305B	Test Method
Company	GIA LOI	
Lot No.	1072	-
Issue Date	27/12/2023	-
Quantity (Kg)	2.000	-
Moisture Content (< 4000 ppm)	0.15% - 0.25%	-
Melt flow rate (g/10 min)	1 - 10	ASTMD 1238
Film Dispersion (< 40 dolt)	10 - 20	-
ΔE = 1 Max	0.15	D light = 65
Remark: Film Dispersion is checked by counting the number of dots in a film Thick ness = 30 cm , AREA = 30 cm x 10 cm		

Important Notice:

The formulations and specifications stated above are found to be reliable. Thieu Trinh reserves the right not to claim this document as a certificate or warranty. The use of product accuracy and sufficiency is subjected to user's products which are beyond control.

CONFIRMED BY



Chief QC

22.

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 21/11/23

Ngày nhập kho: 21/11/23

Nhà cung cấp:

Tên NL: Nguồn UV Thủ Đức

Mã số: MB.UV.TTS

Thủ Đức

STT	Số Lot	Số Lượng nhập về (Kg)	Chi Tiết Kiểm Tra							
			Số Lượng (Kg)	Số Bao	COA		Ngoại quan			
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Dơ, mốc
1	666	1000	50	20	X		X		X	
2										
3										
4										
5										
6										
7										

39

Người kiểm tra

chis



CÔNG TY TNHH SẢN XUẤT VÀ THƯƠNG MẠI THIỆU TRINH
 DC: 85-87-89 Lê Văn Quới, P. Bình Trị Đông, Q. Bình Tân, TPHCM
 ĐT: 028.3978.3009-3978.3010-3978.3479-5426.3381 Fax: 028.3978.9356
THIỆU TRINH Website: www.thieutrinh.com Email: kinhdoanh@thieutrinh.com

SHAO ZHEN MASTERBATCH

Date: 02 November 2023
 Số: 02112023-03

CERTIFICATE OF QUALITY ANALYSIS

It is hereby certified that the product described below is manufactured by Thieu Trinh Co., LTD.

The below is a summary of test results obtained from production samples.

Production Description	UV Masterbatch	Test Method
Company	GIA LOI	
Lot No.	666	-
Issue Date	30/10/2023	-
Quantity (Kg)	1.000	-
Moisture Content (< 3000 ppm)	0.1- 0.3	-
Melt flow rate (g/10 min)	1 - 10	ASTMD 1238
Film Dispersion (< 40 dolt)	-	-
ΔE = 1 Max	-	-
UV Pigment	20%	-

Important Notice:

The formulations and specifications stated above are found to be reliable. Thieu Trinh reserves the right not to claim this document as a certificate or warranty. The use of product accuracy and sufficiency is subjected to user's products which are beyond control.

CONFIRMED BY



Chief QC

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 26/10/23

Ngày nhập kho: 26/10/23

Nhà cung cấp:

Tên NL: phuy giao hàng tại VN X6102

Mã số:

GMEX CHEMICALS

STT	Số Lot	Số Lượng nhập về (Kg)	Chi Tiết Kiểm Tra									
			Số Lượng (Kg)	Số Bao	COA			Ngoại quan				
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Dơ, mốc		
1	VZ2112003A 2000	50	20	X			X		X			
2												
3												
4												
5												
6												
7												

03-

Người kiểm tra

chính

ExxonMobil Chemical Asia Pacific
BRN. 52893724C
CERTIFICATE OF ANALYSIS

Customer Name: CONG TY TNHH GME CHEMICALS (VIETNAM)
Ship-To Address: 94-96 NGUYEN DU BEN NGHE WARD
 DISTRICT 1
 00 HO CHI MINH CITY
 VIETNAM

Customer Product Name:

Product Name/Grade: VISTAMAXX 6102

Date Printed: 08 DEC 2022

Lot / Batch No: V22112003A

Sales Order Number	12699001	Customer Order Number	VN/22/097
--------------------	----------	-----------------------	-----------

Shipment Number: 12723458

Delivery Number:

Dispatch Point: ExxonMobil Chemical Asia Pacific BRN. 52893724C

Railcar/ Vessel/Truck #: GREEN WAVE / 056N

Plant Dispatch Date: 08 DEC 2022

Letter of Credit Number:

Inspection Ref: 000013352392

ANALYSIS

Property	UoM	Results	Specifications	Test Method
ETHYLENE	wt%	15.8	15.0 - 17.0	EXXONMOBIL TEST METHOD
COLOR, HUNTER B	b	-1	<= 2	EXXONMOBIL TEST METHOD
MELT FLOW RATE (2.16 KG, 230C)	g/10mn	3.0	1.5 - 4.5	EXXONMOBIL TEST METHOD

"Unless otherwise specified herein: data were prepared pursuant to ExxonMobil's sampling and testing procedures in effect at time of production; and applicable sampling and testing methods are available upon request. Values may result from interpolation or correlation of other data. Sampling and testing methods are subject to change without notice unless otherwise agreed in writing.

Reproductions of this certificate must contain its entire contents. Partial reproductions require prior approval from ExxonMobil Chemical Asia Pacific.

A division of ExxonMobil Asia Pacific Pte. Ltd. - Co. No. 196800312N"

CÔNG TY CỔ PHẦN GIA LỢI

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 28/12/23
Tên NL: HGX 630

Ngày nhập kho: 28/12/23

Nhà cung cấp:

Gulf polymers

Mã số: PR.2-H036.GUL.S.

Chi Tiết Kiểm Tra

STT	Số Lot	Số Lượng nhập về (Kg)	Số Lượng (Kg)	Số Bao	COA		Ngoại quan			
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Dơ, mốc
1	SLK612619	52250	500	20	X		X		X	
2	SLK611418	22000	500	20	X		X		X	
3	SLK611420	26750	500	20	X		X		X	
4										
5										
6										
7										

21.

Người kiểm tra

Ch

NK: 28/12/2023



Saudi Polymers Company
 P O Box 11221
 Jubail Industrial City 31961
 Jubail, Kingdom of Saudi Arabia
 VAT Number SA 300449784800003

CoA Date: 01.12.2023

ORIGINAL

Certificate of Analysis

Shipped To: GIA LOI JOINT STOCK COMPANY
 GROUP 2, PHUOC HAI, THAI HOA,
 TAN UYEN DISTRICT,
 BINH DUONG PROVINCE, VIETNAM
 VIETNAM

Delivery #: 81005074
 PO #: GPVN-06-10-23
 Weight: 99.000 TON
 Ship Date: 01.12.2023
 Mode: Ocean

Property
 Sales Order No.: 9093764
 L/C No.:

TO WHOM IT MAY CONCERN

Product:
 4 X 40FT CONTAINERS STC :-

MARLEX POLYPROPYLENE RESIN
 HGX-030 SP

Lot Number: SLK41418 Quantity 22.000 TON
 Production Date: 06.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.1	g/10min

Number: SLK41420 Quantity 24.750 TON
 Production Date: 07.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.1	g/10min

Property	Value	Unit
Melt Flow	3.1	g/10min



Saudi Polymers Company
P O Box 11221
Jubail Industrial City 31961
Jubail, Kingdom of Saudi Arabia
VAT Number SA 300449784800003

CoA Date: 01.12.2023
CPC Delivery #: 81005074

ORIGINAL

Certificate of Analysis

Lot Number: SLK42419 Quantity 52.250 TON
Production Date: 06.10.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.1	g/10min

The data set forth herein have been carefully compiled by Saudi Polymers Company.
However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

Fayeza Al-Amri
QA/QC Lab Manager

For CoA questions contact Fafsik Pathari at

Shipped For: GCP INDIA PVT LTD
Mr. Nandu SUGARCOE LUMBER
Freight Forwarder: GCP INDIA PVT LTD
Liner: - PBN
Port: - PBN

Delivery #: 81005074
Date: 01.12.2023
Hazard: P101+T+D
Exp Date: 01.12.2023



Gulf Polymers
Distribution Company FZCO
Building 6EA, Office 420
P O Box 371379
Dubai Airport Free Zone
Dubai, United Arab Emirates
Tel: +971 4 606 7500
Fax: +971 4 606 7599

Packing List 81005074
Sales Order Number: 9093764

Page: 2
Date: 01.12.2023

Sold-To customer number: 10046520
GIA LOI JOINT STOCK COMPANY
GROUP 2, PHUOC HAI, THAI HOA,
TAN UYEN DISTRICT,
BINH DUONG PROVINCE, VIETNAM
Ship-To customer number: 20066816
GIA LOI JOINT STOCK COMPANY
GROUP 2, PHUOC HAI, THAI HOA,
TAN UYEN DISTRICT,
BINH DUONG PROVINCE, VIETNAM

Documentary Credit Number:

Vessel's Name:

EVER ORIENT 0431-056N

Estimated Dep. Date:

01.12.2023

COUNTRY OF ORIGIN:

Customer Order Number: GPVN-06-10-23

Order Date: 05.10.2023

Agent Code:

Container No.	Seal No.	Product Type	Batch No.	Qty
CAAU5480663	0702040	HGX-030 SP	SLK42419	24.750 MT
EMCU8564241	0702037	HGX-030 SP	SLK41418	22.000 MT
EMCU8564241	0702037	HGX-030 SP	SLK42419	2.750 MT
TGBU7145953	0702042	HGX-030 SP	SLK41420	24.750 MT
TRHU7083536	0702041	HGX-030 SP	SLK42419	24.750 MT

For Gulf Polymers Distribution Company FZCO

Jules S



شركة بونيرات الخليج لتوزيع مم | بناء ٦ اي ايه , مكتب ٤٢٠ , مطار دبي المنطقة الحرة | ص.ب: ٣٧١٣٧٩ , دبي, الإمارات العربية المتحدة
Gulf Polymers Distribution Company FZCO | Bldg. 6EA, Suite 420, Dubai Airport Free Zone | P.O. Box 371379, Dubai, United Arab Emirates

ذات مسؤولية محدودة تأسست بموجب القانون رقم ٢ لسنة ١٩٩٦
FORMED PURSUANT TO LAW NO. 2 OF 1996 WITH LIMITED LIABILITY

CÔNG TY CỔ PHẦN GIA LỢI

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 30/12/23
Tên NL: Mái đèn 3056Ngày nhập kho: 30/12/23 Nhà cung cấp: Thủ Đức
Mã số: MB-D.3056.TT.S

Chi Tiết Kiểm Tra

STT	Số Lot	Số Lượng nhập về (Kg)	Số Lượng (Kg)	Số Bao	COA		Ngoại quan			
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Dơ, mốc
1	1072	2000	500	20	X		X		X	
2										
3										
4										
5										
6										
7										

Người kiểm tra

22.

T T**THIỆU TRINH****CÔNG TY TNHH SẢN XUẤT VÀ THƯƠNG MẠI THIỆU TRINH**

ĐC: 85-87-89 Lê Văn Quới, P. Bình Trị Đông, Q. Bình Tân, TP.HCM

ĐT: 028.3978.3009-3978.3010-3978.3479-5426.3381

Fax: 028.3978.9356

Website: www.thieutrinh.com

Email: kinhdoanh@thieutrinh.com

SHAO ZHEN MASTERBATCH

Date : 30 December 2023

Số: 30122023-02

CERTIFICATE OF QUALITY ANALYSIS

It is hereby certified that the product described below is manufactured by Thieu Trinh Co., LTD.

The below is a summary of test results obtained from production samples.

Production Description	Black Masterbatch 305B	Test Method
Company	GIA LOI	
Lot No.	1072	-
Issue Date	27/12/2023	-
Quantity (Kg)	2.000	-
Moisture Content (< 4000 ppm)	0.15% - 0.25%	-
Melt flow rate (g/10 min)	1 - 10	ASTMD 1238
Film Dispersion (< 40 dolt)	10 - 20	-
ΔE = 1 Max	0.15	D light = 65

Remark: Film Dispersion is checked by counting the number of dots in a film
(Thick ness = 30 cm , AREA = 30 cm x 10 cm)

Important Notice:

The formulations and specifications stated above are found to be reliable. Thieu Trinh reserves the right not to claim this document as a certificate or warranty. The use of product accuracy and sufficiency is subjected to user's products which are beyond control.

CONFIRMED BY



Chief QC

22.

CÔNG TY CỔ PHẦN GIA LỢI

BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 2/11/23

Ngày nhập kho: 2/11/23

Nhà cung cấp: Thủ Đức

Tên NL: Nguồn UV Thủ Đức

Mã số: MB.UV.TTS

STT	Số Lot	Số Lượng nhập về (Kg)	Chi Tiết Kiểm Tra						Ngoại quan	
			Số Lượng (Kg)	Số Bao	COA		Khô	Ẩm / Uớt	Sạch sẽ	Đơ, mốc
					Có	Không				
1	666	1000	50	20	X		X		X	
2										
3										
4										
5										
6										
7										

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Người kiểm tra

chủ chiết



CÔNG TY TNHH SẢN XUẤT VÀ THƯƠNG MẠI THIỆU TRỊNH

ĐC: 85-87-89 Lê Văn Quới, P. Bình Trị Đông, Q. Bình Tân, TPHCM

ĐT: 028.3978.3009-3978.3010-3978.3479-5426.3381 Fax: 028.3978.9356

THIỆU TRỊNH

Website: www.thieutrinh.com

Email: kinhdoanh@thieutrinh.com

SHAO ZHEN MASTERBATCH

Date: 02 November 2023

Số: 02112023-03

CERTIFICATE OF QUALITY ANALYSIS

It is hereby certified that the product described below is manufactured by Thieu Trinh Co., LTD.

The below is a summary of test results obtained from production samples.

Production Description	UV Masterbatch	Test Method
Company	GIA LOI	
Lot No.	666	-
Issue Date	30/10/2023	-
Quantity (Kg)	1.000	-
Moisture Content (< 3000 ppm)	0.1- 0.3	-
Melt flow rate (g/10 min)	1 - 10	ASTMD 1238
Film Dispersion (< 40 dolt)	-	-
ΔE = 1 Max	-	-
UV Pigment	20%	-

Important Notice:

The formulations and specifications stated above are found to be reliable. Thieu Trinh reserves the right not to claim this document as a certificate or warranty. The use of product accuracy and sufficiency is subjected to user's products which are beyond control.

CONFIRMED BY



Chief QC

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BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 26/10/23

Ngày nhập kho: 26/10/23

Nhà cung cấp:

Tên NL: phụ gia tẩy dai VNUX6102

Mã số: MR.HD2T.G102.GME S

STT	Số Lot	Số Lượng nhập về (Kg)	Chi Tiết Kiểm Tra							
			Số Lượng (Kg)	Số Bao	COA		Ngoại quan			
					Có	Không	Khô	Ẩm / Uớt	Sạch sẽ	Dơ, mốc
1	V22112003A 2000	50	20	X			X		X	
2										
3										
4										
5										
6										
7										

03-

Người kiểm tra

Chíchinh

ExxonMobil Chemical Asia Pacific
BRN. 52893724C
CERTIFICATE OF ANALYSIS

Customer Name: CONG TY TNHH GME CHEMICALS (VIETNAM)
Ship-To Address: 94-96 NGUYEN DU BEN NGHE WARD
 DISTRICT 1
 00 HO CHI MINH CITY
 VIETNAM

Customer Product Name:

Product Name/Grade: VISTAMAXX 6102

Date Printed: 08 DEC 2022

Lot / Batch No: V22112003A

Sales Order Number	12699001	Customer Order Number	VN/22/097
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Shipment Number: 12723458

Delivery Number:

Dispatch Point: ExxonMobil Chemical Asia Pacific BRN. 52893724C

Railcar/ Vessel/Truck #: GREEN WAVE / 056N

Plant Dispatch Date: 08 DEC 2022

Letter of Credit Number:

Inspection Ref: 000013352392

ANALYSIS Property	UoM	Results	Specifications	Test Method
ETHYLENE	wt%	15.8	15.0 - 17.0	EXXONMOBIL TEST METHOD
COLOR, HUNTER B	b	-1	<= 2	EXXONMOBIL TEST METHOD
MELT FLOW RATE (2.16 KG, 230C)	g/10mn	3.0	1.5 - 4.5	EXXONMOBIL TEST METHOD

"Unless otherwise specified herein: data were prepared pursuant to ExxonMobil's sampling and testing procedures in effect at time of production; and applicable sampling and testing methods are available upon request. Values may result from interpolation or correlation of other data. Sampling and testing methods are subject to change without notice unless otherwise agreed in writing.

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