

## GEOTEXTILE TEST RESULTS

Product: SF30-3'  
Tracking #: 24AD06A94-95  
Lot #: AD060324

Properties	Method	Unit	Value										Mean	Std.Dev
			101	102	98	99	100	101	101	101	101	100		
<b>Grab tensile strength</b>	<b>ASTM D4632</b>												100.4	1.17
MD		lbs	165.8	160.7	182.0	165.9	163.5	177.0	176.5	172.2	180.6		171.59	7.85
TD		lbs	159.9	160.2	154.0	163.7	170.3	183.2	182.2	161.3	181.3		168.44	11.19
MD- Elong.		%	19.9	19.7	19.9	20.2	19.8	19.1	17.9	20.1	20.5		19.67	0.79
TD- Elong.		%	19.5	17.3	19.1	20.5	19.5	18.9	19.5	21.3	20.7		19.56	1.19
<b>CBR test</b>	<b>ASTM D6241</b>	lbs	682.1	678.5	689.1	673.2							680.72	6.67
<b>Trapezoidal Tear</b>	<b>ASTM D4533</b>													
MD		lbs	84.1	79.1	79.4	78.1	82.4	78.7	77.5				79.90	2.42
TD		lbs	77.3	78.6	73.1	84.2	75.2	85.1	78.4				78.86	4.41
<b>Flow rate ( T: 21° C)</b>	<b>ASTM D4491</b>	<b>GPM/ft<sup>2</sup></b>					<b>1</b>			<b>2</b>				
<b>Thickness</b>		mm	0.238	0.238	0.238	0.238	0.238	0.236	0.236	0.236	0.236		0.236	
<b>Time</b>		s	13.200	13.100	13.200	13	13.200	18.200	18.200	18.300	18.200		18.200	
<b>Permittivity</b>		s-1	0.211	0.213	0.211	0.211	0.211	0.150	0.150	0.149	0.150		0.150	
<b>Flow rate</b>		GPM/ft <sup>2</sup>	13.758	13.863	13.758	13.758	13.758	9.979	9.979	9.924	9.979		9.979	
<b>Permeability</b>		cm/s	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004		0.004	
					<b>3</b>					<b>4</b>				
<b>Thickness</b>		mm	0.240	0.240	0.240	0.240	0.240	0.238	0.238	0.238	0.238		0.238	
<b>Time</b>		s	16.100	16.100	16.200	16.200	16.200	15.200	15.100	15.200	15.100		15.200	
<b>Permittivity</b>		s-1	0.173	0.173	0.172	0.172	0.172	0.179	0.180	0.179	0.180		0.1782	0.0228
<b>Flow rate</b>		GPM/ft <sup>2</sup>	11.280	11.280	11.210	11.210	11.210	11.948	12.027	11.948	12.027		11.948	1.42
<b>Permeability</b>		cm/s	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004		0.0042	0.001
<b>AOS</b>	<b>ASTM D 4751</b>	mm	0.275										0.275	0.0302

Conclusion:

YES

NO

Take from:

TN01-TN02-TN03-TN04-TN05-TN06-TN07

KCS

# TEST REPORT

## PRODUCT MASS PER UNIT AREA TEST RESULTS (ASTM D5261)

Date of testing: 11.03.24

Fabric	SF30	Tracking #	24ADD06A94-95	Times of Testing	01	Lot#	AD060324
Specifications	3+3'	Date of Prod.	07.03.24	Test #			060324

No.	1	2	3	4	5	6	7	8	9	10	Mean	Std.Dev
Specimen size (mm <sup>2</sup> )	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Mass per Unit Area (gsm)	101	102	98	99	100	101	101	101	100	101	100.4	1.17379

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

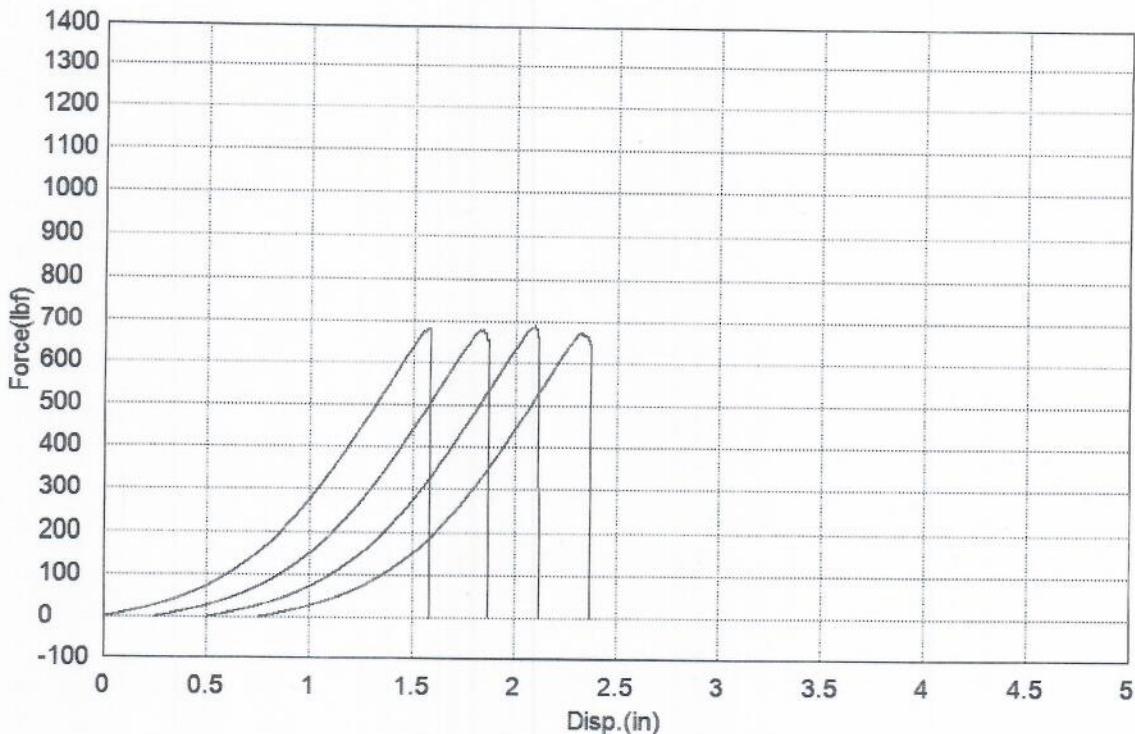
Company	GIA LOI JSC	Product Name	SF30
Address	Binh Duong, Viet Nam	Tracking #	24AD06A94.95
Method File Name	ASTM D4632...lmax	Test File Name	24AD06A94.95.ltax
Speed	12in/min	Lot #	AD060324
Test Type	Tensile	Date of prod	07.03.24
No of Batches:	2	Test #	060324
Qty/Batch:	9	Test Date	2024/03/08
Form	TN-QT D4632-BM01/00	Report Date	2024/03/08
Times of Testing	01	Operator	AN

Name	Break_Force	Break_Strain
Parameters	Sensitivity 10	Sensitivity 10
Unit	lbf	%
1_1	165.770	19.9172
1_2	160.741	19.6502
1_3	182.014	19.9172
1_4	165.915	20.2499
1_5	163.496	19.7839
1_6	177.005	19.0505
1_7	176.489	17.8504
1_8	172.242	20.1177
1_9	180.608	20.4504
Average	171.587	19.6653
Standard Deviation	7.85035	0.78866
Maximum	182.014	20.4504
Minimum	160.741	17.8504
2_1	159.852	19.4503
2_2	160.171	17.2500
2_3	153.992	19.1172
2_4	163.655	20.5172
2_5	170.322	19.4504
2_6	183.197	18.8502
2_7	182.172	19.4504
2_8	161.251	21.3172
2_9	181.321	20.6509
Average	168.437	19.5615
Standard Deviation	11.1873	1.18670
Maximum	183.197	21.3172
Minimum	153.992	17.2500
TotalAverage	170.012	19.6134
TotalStandard	9.51444	0.97891
TotalMaximum	183.197	21.3172
TotalMinimum	153.992	17.2500

# TEST REPORT

Company	GIA LOI JSC	Product Name	SF30
Address	Binh Duong, Viet Nam	Tracking #	24AD06A94.95
Method File Name	ASTM D6241.lmax	Test File Name	24AD06A94.95_6241.ltax
Speed	1.968504in/min	Lot #	AD060324
Test Type	Compression	Date of prod:	07.03.24
No of Batches:	1	Test #	060324
Qty/Batch:	4	Test Date	2024/03/26
Form	TN-QT D6241-BM01/00	Report Date	2024/03/26
Times of Testing	01	Operator	AN

Name	Max_Force
Parameters	Calc. at Entire
Unit	lbf
1 _ 1	682.072
1 _ 2	678.467
1 _ 3	689.115
1 _ 4	673.242
Average	680.724
Standard Deviation	6.66584
Maximum	689.115
Minimum	673.242



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	SF30
Address	Binh Duong, Viet Nam	Tracking #	24AD06A94.95
Method File Name	ASTM D4533.lmax	Test File Name	24AD06A94.95_4533.ltax
Speed	11.81102in/min	Lot #	AD060324
Test Type	Tensile	Date of prod	07.03.24
No of Batches:	2	Test #	060324
Qty/Batch:	7	Test Date	2024/03/18
Form	TN-QT D4533-BM01/00	Report Date	2024/03/18
Times of Testing	01	Operator	AN

Name	Max_Force
Parameters	Calc. at Entire
Unit	lbf
1 _ 1	84.0645
1 _ 2	79.0737
1 _ 3	79.4025
1 _ 4	78.1422
1 _ 5	82.4404
1 _ 6	78.7225
1 _ 7	77.4794
Average	79.9036
Standard Deviation	2.41739
Maximum	84.0645
Minimum	77.4794
2 _ 1	77.3146
2 _ 2	78.6189
2 _ 3	73.1143
2 _ 4	84.1985
2 _ 5	75.2200
2 _ 6	85.1340
2 _ 7	78.4356
Average	78.8623
Standard Deviation	4.41119
Maximum	85.1340
Minimum	73.1143
TotalAverage	79.3829
TotalStandard	3.45976
TotalMaximum	85.1340
TotalMinimum	73.1143

**TEST REPORT**

TN-QT D4491-BMM2/00

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

Date/time of testing: 11.03.24

Fabric	SF30	Tracking#	24AD06A94-95	Time of Testing	01	Lot#	AD060324
Specifications	3+3'	Date of Prod.	07.03.24	Test#			060324

Water Temp. °C 21.0

Correction Factor: 0.977

a-R:

40.7 cm<sup>2</sup>

a-L:

41.7 cm<sup>2</sup>

A:

20.3 cm<sup>2</sup>

Trial	L				R				$\ln(h_0/h_1)$				Mean	Std.Dev
	1		2		3		4							
Thickness (mm)	0.238	0.238	0.238	0.238	0.236	0.236	0.236	0.236	0.240	0.240	0.240	0.240	0.238	0.238
Time (s)	13.20	13.10	13.20	13.20	18.20	18.20	18.30	18.20	18.20	16.10	16.10	16.20	16.20	15.20
Permittivity (s <sup>-1</sup> )	0.211	0.213	0.211	0.211	0.15	0.15	0.149	0.15	0.15	0.173	0.173	0.172	0.172	0.179
Flow rate (GPM/ft <sup>2</sup> )	13.76	13.86	13.76	13.76	9.98	9.98	9.92	9.98	9.98	11.28	11.28	11.21	11.21	11.95
Permeability (cm/s)	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													

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

**TEST REPORT**  
**DETERMINATION OF AOS OF GEOTEXTILE (ASTM D4751)**

Date/time of Testing: 12.03.24

Date/time of submerge specimens: 11.03.24

Fabric Specifications	SF30 3'	Tracking #	24AD06A94.95	Times of Testing	01	Lot#	AD060324					
Sample No	Range (mm) US Std Mesh	Minimum Dia. (mm)	Wt.F+G W/Beads	Wt.F+G Wt.Beads	% Retained/Lost	Wt.Pan W/Beads	Wt. Pan Wt.Beads	% Passing	Wt.Pan Before	Wt.F+G After	Wt.Retained in Geotextile	% Retained in Geotextile
1	0.250 - 0.212	0.212	843.9	796.8	47.14 -0.08	536.9	534	2.85	5.7	796.8	796.8	0.01 0.02%
	0.355 - 0.300	0.300	846.8	796.8	49.95 0.10	534.1	534	0.05	0.1	796.8	796.8	0.00 0.00%
2	0.250 - 0.212	0.212	852.3	810.2	42.07 0.06	539.8	531.9	7.93	15.86	810.2	810.2	0.00 0.00%
	0.355 - 0.300	0.300	860.1	810.2	49.9 0.00	532.0	531.9	0.09	0.18	810.2	810.2	0.01 0.02%
3	0.250 - 0.212	0.212	848.2	816.7	31.53 -0.06	552.5	534	18.47	36.94	816.7	816.7	0.00 0.00%
	0.355 - 0.300	0.300	866.6	816.7	49.88 0.04	534.1	534	0.12	0.24	816.7	816.7	0.00 0.00%
4	0.250 - 0.212	0.212	822.3	814.3	8.03 -0.06	571.5	529.5	41.96	83.92	814.3	814.3	0.01 0.02%
	0.355 - 0.300	0.300	863.8	814.3	49.54 -0.08	530.0	529.5	0.46	0.92	814.3	814.3	0.00 0.00%
5	0.250 - 0.212	0.212	826.6	806.9	19.68 0.04	398.0	367.7	30.31	60.62	806.9	806.9	0.01 0.02%
	0.355 - 0.300	0.300	856.7	806.9	49.76 0.08	367.9	367.7	0.24	0.48	806.9	806.9	0.00 0.00%

AOS = 0.275 mm Std.Dev: 0.0302

Yes  No   
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

**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 kiềm	Vị trí số mét thứ At length position (m)	Khò vải thực tế Width(m)	Mật độ thoi thực tế Weft density/in.	Kiểm tra chì trùng, chì chéo, thừa cung Errors
3/6/2024 18:16	3/6/2024	Ca 2	AD06	GL1777-Lại Thị Thanh Thủy	SF30-3'+3' đen	AD06A94,AD06A95	1A91	1B03	Giữa thoi	835	1.87	11.5	Không
3/7/2024 17:21	3/7/2024	Ca 2	AD06	GL1777-Lại Thị Thanh Thủy	SF30-3'+3' đen	AD06A94,AD06A95	1A91	1B03	Giữa thoi	2797	1.87	11.5	Không
3/8/2024 14:43	3/8/2024	Ca 1	AD06	GL1777-Lại Thị Thanh Thủy	SF30-3'+3' đen	AD06A96,AD06A97	1A91	1B03	Giữa thoi	1696	1.87	11.5	Không
3/9/2024 17:34	3/9/2024	Ca 2	AD06	GL1777-Lại Thị Thanh Thủy	SF30-3'+3' đen	AD06A98,AD06A99	1A91	1B03	Giữa thoi	1209	1.87	11.5	Không
3/11/2024 18:42	3/11/2024	Ca 2	AD06	GL1777-Lại Thị Thanh Thủy	SF30-3'+3' đen	AD06B01,AD06B02	1A92	1A91	Giữa thoi	395	1.87	11.5	Không

## BẢNG KIỂM TRA TRỌNG LƯỢNG CHỈ SỢI

Ngày 24... tháng 02... năm 2024

Cát 1 2 3

Chi tiêu	Máy 52-1						
Loại sợi	P8107						
Số lô sợi	1A91						
Bản sợi	1.9						
Trọng lượng	107						
Tốc độ cao	29.1 N9.4						
Tốc độ lên màng	33.1						
V1	38.2						
V2	266.1						
V3	257.8						
V2/V1							
Vị trí	Lần 1(tex)	Bản chỉ	Độ dày	Lần 2	Lần 3		
A 1	106	1.93	7	106	1.89	6.5	105 106
	105	1.92	7	105	1.9	6.5	100 102
A 2	104	1.89	7	106	1.91	7	103 103
	107	1.9	7	100	1.92	7	106 106
A 3	105	1.88	7				
	105	1.89	6.5	105 75	1.9	6.8	109 105.5
A 4	104	1.88	6.5				
	108	1.91	7				105
A 5	105	1.88	6.5				
	107	1.91	7				106
B1	102	1.88	6.5				
	107	1.89	7				104
B2	105	1.89	7				
	106	1.91	7				106
B3	108	1.92	7				
	104	1.9	7				106
B4	106	1.88	7				
	109	1.92	7				107
B5	106	1.88	7				
	101	1.91	6.5				105
Bình quân							

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 thau

TT Sợi

Tuan

QC Sợi

Tuan

# GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD107	Tracking #	1A91
Test File Name	PD107 CA1 24.02.24 1.lta	Method File Name	D2256.lmax
Test Date	2024/02/24	Report Date	2024/02/24
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	1	Test #	
Date of prod	CA1 24.02.24	Melt pump	29
Intermediate stretching unit	38.8	Stretching Unit	266.8
Annealing unit	257.8	Operator	TIÊN

Name	Break_Force	Break_Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	6.43334	18.2851	6.74354	106
1_2	6.59226	20.8851	6.97594	105
1_3	6.07223	18.4051	6.48743	104
1_4	6.42305	19.3451	6.66983	107
1_5	6.52978	20.5851	6.90982	105
1_6	6.16040	17.9451	6.51894	105
1_7	6.42305	18.9451	6.86223	104
1_8	6.32305	18.7251	6.50520	108
1_9	6.23471	18.3651	6.59758	105
1_10	6.52832	21.2051	6.77915	107
1_11	6.56268	20.2851	7.14889	102
1_12	6.15870	18.4451	6.39533	107
1_13	6.36259	19.1851	6.73290	105
1_14	6.65166	20.6451	6.97239	106
1_15	6.46673	18.7851	6.65301	108
1_16	6.43026	19.4051	6.86994	104
1_17	6.49007	20.2451	6.80301	106
1_18	6.58156	19.7451	6.70903	109
1_19	6.60620	21.4851	6.92474	106
1_20	6.22807	19.3851	6.65392	104
1_21	6.26259	19.2851	6.69080	104
1_22	6.41924	19.0051	6.79285	105
1_23	6.37021	19.2451	6.67737	106
1_24	6.56066	19.9851	6.62693	110
Average	6.41131	19.4926	6.73753	105.750
Standard Deviation	0.15899	0.98102	0.17776	1.82376
Maximum	6.65166	21.4851	7.14889	110.000
Minimum	6.07223	17.9451	6.39533	102.000

# GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD107	Tracking #	1A91
Test File Name	PD107 CA1 24.02.24 2.lta	Method File Name	D2256.lmax
Test Date	2024/02/24	Report Date	2024/02/24
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	2	Test #	
Date of prod	CA1 24.02.24	Melt pump	29
Intermediate stretching unit	38.8	Stretching Unit	266.8
Annealing unit	257.8	Operator	TIỀN

Name Parameters	Break_Force Sensitivity 10	Break_Stroke Sensitivity 10	g/D	TL
Unit	kgf	%		
1_1	6.36114	19.6251	6.73137	105
1_2	6.01923	18.2051	6.08003	110
1_3	6.31438	17.6651	6.81163	103
1_4	5.66030	15.1451	5.93323	106
1_5	6.37702	19.3451	6.62204	107
1_6	6.58051	20.0051	6.70796	109
1_7	6.42491	18.3651	6.79885	105
1_8	6.49315	19.8451	6.80624	106
1_9	6.55563	19.8451	7.00388	104
1_10	6.48091	19.6851	6.79341	106
1_11	6.45490	18.2451	6.89626	104
1_12	6.28431	19.3251	6.65006	105
1_13	6.37726	18.6451	6.74842	105
1_14	6.23593	19.0251	6.53661	106
1_15	6.13528	17.2851	6.55479	104
1_16	6.71852	20.1851	7.04247	106
1_17	5.91266	17.3851	6.13983	107
1_18	6.35822	20.7051	6.72828	105
1_19	5.95529	17.5851	6.36249	104
1_20	6.38042	19.2451	6.75177	105
1_21	6.49218	20.7651	6.93609	104
1_22	6.57840	20.0451	6.83115	107
1_23	6.42637	20.1651	6.93244	103
1_24	6.33301	19.3851	6.63838	106
Average	6.32958	18.9884	6.66824	105.500
Standard Deviation	0.24258	1.31099	0.28439	1.69398
Maximum	6.71852	20.7651	7.04247	110.000
Minimum	5.66030	15.1451	5.93323	103.000

## BẢNG KIỂM TRA TRỌNG LƯỢNG CHỈ SỢI

Ngày 28 tháng 2 năm 24

Ca: 1 2 3

Chỉ tiêu	Máy	Số 1						
Loại sợi	PĐ107							
Số lô sợi	1B03							
Bản sợi	190							
Trọng lượng	107							
Tốc độ cảo	168/33							
Tốc độ lên màng	37,1							
V1	42,1							
V2	299,3						106	102
V3	291,2						107	107
V2/V1							105	105
Vị trí	Lần 1(tex)	Bản chỉ	Độ dày	Lần 2	Lần 3		106	107
A 1	104	190	6	105	188	6	109	109
	102	187	5,8	107	190	6	108	105
A 2	106	187	6	106	190	6	102	105
	109	190	6,2	105	187	6	107	106
A 3	107	192	6				109	105
	106	191	6				110	105
A 4	106	191	6				105	104
	105	191	6	105,91	1,8933		107	104
A 5	109	193	6,2				104	105
	108	190	6,2				105	106
B1	105	190	6				109	103
	106	188	6				106	106
B2	104	188	6				103	104
	107	190	6				108	108
B3	106	187	6				106	103
	105	188	6				106	107
B4	106	189	6				108	109
	109	193	6,2				109	107
B5	104	187	6				103	108
	105	187	6				103	104
Bình quân							106,08	105,158

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

QC Sợi

# GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD107	Tracking #	1B03
Test File Name	PD107 CA1 28.02.24 1.lta	Method File Name	D2256.lmax
Test Date	2024/02/27	Report Date	2024/02/28
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	1	Test #	
Date of prod	CA1 28.1.24	Melt pump	168
Intermediate stretching unit	42.1	Stretching Unit	299.3
Annealing unit	291.2	Operator	TOAN

Name	Break_Force	Break_Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	6.13325	18.9651	6.55262	104
1_2	6.20205	19.0851	6.75605	102
1_3	5.98227	17.3651	6.27072	106
1_4	6.58740	20.7851	6.71499	109
1_5	6.37953	18.9251	6.62464	107
1_6	6.33577	19.4051	6.64127	106
1_7	6.52759	21.5251	6.84234	106
1_8	6.38674	19.2051	6.75846	105
1_9	5.96056	16.9251	6.07600	109
1_10	6.31632	19.0451	6.49827	108
1_11	6.38755	19.5051	6.75931	105
1_12	6.50952	19.0051	6.82340	106
1_13	6.25749	19.8251	6.68535	104
1_14	6.00691	17.8851	6.23771	107
1_15	6.55596	21.6051	6.87208	106
1_16	6.70158	22.0851	7.09162	105
1_17	6.09792	17.7651	6.39195	106
1_18	6.09500	18.4051	6.21305	109
1_19	6.35668	18.3051	6.79133	104
1_20	6.57127	20.2851	6.95373	105
1_21	6.32831	19.3851	6.69662	105
1_22	6.19379	18.1851	6.43177	107
1_23	6.30165	18.9451	6.60550	106
1_24	6.48642	19.0851	6.86394	105
Average	6.31923	19.2293	6.63136	105.917
Standard Deviation	0.20505	1.29918	0.25430	1.71735
Maximum	6.70158	22.0851	7.09162	109.000
Minimum	5.96056	16.9251	6.07600	102.000

# GIALOI JSC

Company	GIALOI JSC	Form	QC-QT KTCL-BM03/00
Product Name	PD107	Tracking #	1B03
Test File Name	PD107 CA1 28.02.24 3.lta	Method File Name	D2256.lmax
Test Date	2024/02/28	Report Date	2024/02/28
Test Type	Tensile	Speed	300mm/min
No of Batches:	1	Qty/Batch:	24
Times of testing	3	Test #	
Date of prod	CA1 28.2.24	Melt pump	168
Intermediate stretching unit	42.1	Stretching Unit	299.3
Annealing unit	291.2	Operator	TOAN

Name	Break_Force	Break_Stroke	g/D	TL
Parameters	Sensitivity 10	Sensitivity 10		
Unit	kgf	%		
1_1	5.90837	16.8051	6.43613	102
1_2	6.45692	18.4251	6.70501	107
1_3	6.54210	20.3051	6.92286	105
1_4	6.05764	17.7651	6.29038	107
1_5	6.73481	20.5451	6.86525	109
1_6	6.40441	19.6851	6.77715	105
1_7	6.55020	20.2851	6.93143	105
1_8	6.43002	19.3651	6.74006	106
1_9	6.13325	17.6051	6.49021	105
1_10	6.58699	21.5451	6.97036	105
1_11	6.75515	22.1651	7.21704	104
1_12	6.25481	17.7651	6.68249	104
1_13	6.51989	19.8051	6.89935	105
1_14	6.21818	18.9451	6.51801	106
1_15	6.45174	19.1451	6.95981	103
1_16	6.26729	17.8451	6.56949	106
1_17	6.48756	19.7851	6.93115	104
1_18	6.34250	18.8251	6.52521	108
1_19	6.48164	19.6051	6.99206	103
1_20	6.19006	17.6851	6.42789	107
1_21	6.44996	19.2851	6.57488	109
1_22	6.46519	19.4051	6.71359	107
1_23	6.40603	18.9251	6.59057	108
1_24	6.28958	18.9251	6.71964	104
Average	6.39101	19.1851	6.72709	105.583
Standard Deviation	0.19975	1.27119	0.22570	1.88626
Maximum	6.75515	22.1651	7.21704	109.000
Minimum	5.90837	16.8051	6.29038	102.000

**THEO DÕI SỐ LÔ SƠI**  
**Yarns lot number tracking**

Máy sợi số: S2.1

Số Stt No.	Ngày sản xuất Date	Ca SX Shift	PolyPropylene			Hạt màu Masterbatch color			UV			Taical/nanocal			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 #	Số lượng				
10	23/2/2024	3	KHOA	PPH030	SLM42420	3000	D305	1075	72	UVTT	668	31.9	603A	2312271	60	PD107	1A91	3163.9
11	24/2/2024	1	TUAN	PPH030	SLM42420	2500	D305	1075	60	UVTT	668	26.6	603A	2312271	50	PD107	1A91	2636.6
12	24/2/2024	1	TUAN	PPH030	SLM42420	625	D305	1075	15	UVTT	668	6.6	603A	2312271	12.5	PD107	1A92	659.1
13	24/2/2024	2	TU+KH	PPH030	SLJ41404	3125	D305	1075	75	UVTT	668	33.3	603A	2312271	62.5	PD107KD	1A93	3295.8
14	24/2/2024	3	KHOA	PPH030	SLJ41404	1850	D305	1075	44.4	UVTT	668	19.7	603A	2312271	37	PD85KD	1A94	1951.1
15	26/2/2024	1	KHOA	PPH030	SLE43415	1875	D305	1075	48.8	UVTT	668	7.8				PD130KD	1A95	1931.6
16	26/2/2024	1	KHOA	PPH030	SLJ41404	625	D305	1075	16.3	UVTT	668	2.5				PD130KD	1A96	643.8
17	26/2/2024	2	HOA+TUA	PPH030	SLM42416	3500	D305	1075	91	UVTT	668	14.6				PD130	1A97	3605.6
18	26/2/2024	3	TUAN	PPH030	SLM42416	3600	D305	1075	93.6	UVTT	668	15				PD155	1A98	3708.6
19	27/2/2024	1	KHOA	PPH030	SLM42416	1150	D305	1075	29.9	UVTT	668	4.8				PD155	1A98	1184.7
20	27/2/2024	1	KHOA	PPH030	SLM42420	1375	D305	1075	35.7	UVTT	668	5.7				PD155	1A99	1416.4
21	27/2/2024	1	KHOA	PPH030	SLK42419	1375	D305	1075	35.8	UVTT	668	5.7				PD155	1B01	1416.5
22	27/2/2024	2	HOA+TUA	PPH030	SLK41418	250	D305	1075	6.5	UVTT	668	1				PD155	1B02	257.5
23	27/2/2024	2	HOA+TUA	PPH030	SLM42416	2625	D305	1075	63	UVTT	668	27.9	603A	2312271	52.5	PD107	1B03	2768.4
24	27/2/2024	3	TUAN	PPH030	SLM42416	3625	D305	1075	87	UVTT	668	38.6	603A	2312271	72.5	PD107	1B03	3823.1
25	28/2/2024	1	KHOA	PPH030	SLM42416	3750	D305	1075	90	UVTT	668	39.9	603A	2312271	75	PD107	1B03	3954.9
26	28/2/2024	2	HOA+TUA	PPH030	SLM42416	250	D305	1075	6	UVTT	668	2.8	603A	2312271	5	PD107	1B03	263.8
27	28/2/2024	2	HOA+TUA	PPH030	SLK41418	1875	D305	1075	45	UVTT	675	19.9	603A	2312271	37.5	PD107	1B04	1977.4
28	28/2/2024	2	HOA+TUA	PPH030	SLJ41404	1375	D305	1075	33	UVTT	675	14.6	603A	2312271	27.5	PD110KD	1B05	1450.1
29	28/2/2024	3	TUAN	PPH030	SLJ41404	2500	D305	1075	60	UVTT	675	26.6	603A	2312271	26.6	PD110KD	1B05	2613.2

Số lô sợi: Máy Sợi số / ký tự A-Z/Số lần thay đổi mã số sợi SX (1-99) hoặc khi thay đổi nguyên liệu

CÔNG TY CỔ PHẦN GIA LỢI

## BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 20/11/24  
Tên NL: H6X030

Ngày nhập kho: 20/11/24

Mã số: PP.2. H030. GRU. S

Nhà cung cấp:

Saudi polymers

## 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	SLN12416	49500	500	20	X		X		X	
2	SLN142120	24750	500	20	X		X		X	
3										
4										
5										
6										
7										

02

Người kiểm tra  
CH



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

NK 20/01/2024

CoA Date: 03.01.2024

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 #: 81024108  
PO #: GPVN-02-11-23  
Weight: 74.250 TON  
Ship Date: 01.01.2024  
Mode: Ocean

Sales Order No.: 9106633  
L/C No.:

### TO WHOM IT MAY CONCERN

Product:  
3 X 40FT CONTAINERS STC :-  
MARLEX POLYPROPYLENE RESIN  
HGX-030 SP

Lot Number: SLM42416 Quantity 49.500 TON  
Production Date: 05.11.2023

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

Lot Number: SLM42420 Quantity 24.750 TON  
Production Date: 06.11.2023

Property	Test Method	Lower Limit	Upper Limit	Value	Unit
Melt Flow	ASTM D1238	2.7	3.3	3.0	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.

02  
Page 1 of 2



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

CoA Date: 03.01.2024  
CPC Delivery #: 81024108

## Certificate of Analysis

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

Fayez A Al-Amri  
QA/QC Lab Manager

For CoA questions contact Champsey Muthappa at

02



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 81024108  
Sales Order Number: 9106633

Page: 2  
Date: 01.01.2024

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:

MANET 024N

Estimated Dep. Date:

01.01.2024

COUNTRY OF ORIGIN:

Customer Order Number: GPVN-02-11-23

Order Date: 06.11.2023

Agent Code:

Container No.	Seal No.	Product Type	Batch No.	Qty
OOCU7786187	0693034	HGX-030 SP	SLM42416	24.750 MT
OOLU8875325	0693048	HGX-030 SP	SLM42420	24.750 MT
UETU5219035	0693038	HGX-030 SP	SLM42416	24.750 MT

For Gulf Polymers Distribution Company FZCO



شركة جوبال بوليمرز لتجارة التوزيع | م.م. ٦١٠٢٤١٠٨ | بناية ٦، 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

02

CÔNG TY CỔ PHẦN GIA LỢI

## BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 25/11/24

Ngày nhập kho: 25/11/24

Nhà cung cấp:

Tên NL: Hat mua - Đen 305

Mã số:

Chi Tiết Kiểm Tra

Threat Giai

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	1075	2000	500	20	X		X		X	
2										
3										
4										
5										
6										
7										

08.

Người kiểm tra

Ch



**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](http://www.thieutrinh.com)

Fax: 028.3978.9356

Email: kinhdoanh@thieutrinh.com

## **SHAO ZHEN MASTERBATCH**

Date : 25 January 2024  
Số: 25012024

## **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.	1075	-
Issue Date	16/01/2024	-
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	0.2	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

CÔNG TY CỔ PHẦN GIA LỢI

## BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 10/11/23

Ngày nhập kho: 10/11/23

Nhà cung cấp:

Tên NL: mèo mì - thời trai

Mã số: MA-UVTT-S

thời trai

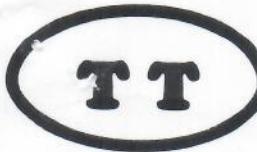
## Chi Tiết Kiểm Tra

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	668	1000	500	20	X		X		X	
2										
3										
4										
5										
6										
7										

40

Người kiểm tra

chủ tịch



CÔNG TY TNHH SẢN XUẤT VÀ THƯƠNG MẠI THIỆU TRINH  
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 TRINH Website: [www.thieutrinh.com](http://www.thieutrinh.com) Email: kinhdoanh@thieutrinh.com

### SHAO ZHEN MASTERBATCH

Date: 10 November 2023  
Số: 10112023-02

## 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	UV Masterbatch	Test Method
Company	GIA LOI	
Lot No.	668	-
Issue Date	08/11/2023	-
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

40

CÔNG TY CỔ PHẦN GIA LỢI

## BẢNG KIỂM TRA NGUYÊN PHỤ LIỆU

Ngày kiểm: 29/12/23

Ngày nhập kho: 29/12/23

Nhà cung cấp:

Thuận Linh

Tên NL: Tarical : NANO 603A

Mã số: T.L.T. 603A.TLS

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	23/12/27.1	2000	500	20	X		X		X	
2										
3										
4										
5										
6										
7										

06

Người kiểm tra

CN



# 順利責任有限公司

## THUAN LOI PLASTIC CO., LTD

Head of company: Lot B2-35 Tan Dong Hiep IZ B, Tan Dong Hiep Ward,  
DiAn Town, Binh Duong Pro.

Tel: 84-274-3-728921-4 Fax: 84-274-3-728920

Tax Code: 3700580986

Email: thuanloivn@vnn.vn

### CERTIFICATE OF ANALYSIS ISSUED BY MANUFACTURER

Customer Name : Gia Loi Joint Stock Company.

Description:

Good of Name : NANO CAL 603A

Resin Suitability : Polyethylene

Lot Number : 231227 1

Quantity : 2,000.00kgs

Date of Delivery : 29/12/2023

ITEM	TEST METHOD	UNIT	TYPICAL VALUE
Plastic content	----	%	22%
Base	----		PE
CaCO <sub>3</sub> content	----	%	78%
Density @ 23°C	ASTM D1505	g/cm <sup>3</sup>	1.8
(MI) @ 5 kg/190°C	ASTM D1238	G/10 mins	4 ± 2
Moisture	IR		<0.15
Shape	----	Granule	3 ± 0.5 mm
Masterbatch Certification	----		Kosher foods Halah foods TUV metals
Weight	----	Per Bag	25kgs
Package	----		PE bag
Applicable process	----		Extrusion mold

THIS IS TO CERTIFY THAT ABOVE PRODUCT HAS BEEN TESTED SUCCESSFULLY  
WITH CORRESPONDENCE RESULT OF THE STANDARD SPECIFICATION.

THUAN LOI PLASTIC CO., LTD

CÔNG TY TNHH THUẬN LỢI  
Lô B2-35, KCN Tân Đông Hiệp B, Di An, Bình Dương  
PHÒNG KCS

06



Precisely Right.



3/27