

PP Woven Geotextile GS55-125

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
AD010124	24AD01A69	184.7	355.8	21.8	365.1	23.2	146.9	134.1	1161.9	0.28	11.0	0.168	3/1/24
	24AD01A72	184	333.8	20.7	343.2	22.2	135.1	130.5	1136.8	0.31	8.5	0.132	5/1/24
	24AD01A75	185.6	338.2	23.0	347.5	23.7	137.2	131.4	1136.6	0.28	6.5	0.102	16/1/24
	24AD01A78	184.4	349.3	20.4	364.0	22.7	140.3	131.1	1142.8	0.27	7.8	0.121	19/1/24
	24AD01A81	185.1	354.2	21.4	343.4	22.7	138.9	127.1	1124.2	0.31	10.8	0.160	31/1/24
	24AD01A84	185.2	347.6	21.0	352.4	21.7	141.9	131.7	1137.2	0.28	10.4	0.154	17/2/24
	24AD01A90	186.3	352.0	21.6	352.0	22.4	138.4	135.4	1172.1	0.27	8.8	0.133	24/2/24
	24AD01B03	185.6	347.5	21.6	363.9	22.7	135.0	131.9	1153.4	0.28	7.8	0.115	3/12/24
Mean			347.3	21.4	353.9	22.7	139.2	131.7	1145.6	0.286	8.951	0.136	
Std.			7.7	0.8	9.3	0.6	3.9	2.5	15.7	0.017	1.618	0.023	
Min.			333.8	20.4	343.2	21.7	135.0	127.1	1124.2	0.266	6.547	0.102	
Max.			355.8	23.0	365.1	23.7	146.9	135.4	1172.1	0.313	10.979	0.168	
MARV			332.0	19.9	335.4	21.4	131.4	126.7	1114.2				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS55-150

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD030124	24BD03A75	187.5	342.7	21.7	361.2	22.9	144.2	132.9	1161.2	0.28	8.4	0.128	3/1/24
	24BD03A78	185.1	345.0	21.7	353.1	22.7	140.0	131.2	1142.3	0.27	9.3	0.143	6/1/24
	24BD03A81	185.3	331.5	20.3	346.5	23.5	133.8	130.7	1167.5	0.28	6.1	0.095	16/1/24
	24BD03A84	185.2	348.7	20.3	367.7	22.0	132.6	129.3	1144.2	0.28	10.0	0.154	19/1/24
	24BD03A87	186.1	353.2	20.9	353.6	22.6	151.5	137.7	1161.5	0.27	9.0	0.133	1/2/24
	24BD03A90	185.8	345.5	20.2	351.1	22.5	149.5	133.6	1131.9	0.30	8.7	0.132	18/2/24
	24BD03A96	185.2	349.0	20.6	356.4	22.1	139.2	129.8	1137.5	0.28	6.5	0.094	26/2/24
	24BD03B09	185.2	339.2	21.7	337.6	22.6	144.4	134.5	1157.3	0.29	11.0	0.159	8/3/24
Mean			344.3	20.9	353.4	22.6	141.9	132.5	1150.4	0.281	8.635	0.130	End roll: Total: .. rolls
Std.			6.7	0.7	9.1	0.4	6.8	2.8	13.1	0.009	1.649	0.024	
Min.			331.5	20.2	337.6	22.0	132.6	129.3	1131.9	0.266	6.092	0.094	
Max.			353.2	21.7	367.7	23.5	151.5	137.7	1167.5	0.297	10.992	0.159	
MARV			330.9	19.6	335.2	21.7	128.3	126.9	1124.3				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

PP Woven Geotextile GS55-125

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD050124	24BD05B01	186.7	358.0	20.7	359.7	22.9	141.2	132.0	1159.2	0.30	8.8	0.137	3/1/24
	24BD05B04	185.2	342.1	20.6	327.9	22.3	134.7	128.7	1130.4	0.28	9.5	0.147	6/1/24
	24BD05B07	185.8	355.9	23.0	335.8	22.9	141.2	130.2	1135.5	0.25	7.3	0.113	15/1/24
	24BD05B10	184.7	349.3	20.3	345.5	21.8	133.7	129.8	1119.5	0.25	7.1	0.110	19/1/24
	24BD05B13	185.7	360.7	20.2	366.3	22.2	144.1	129.6	1140.9	0.33	8.5	0.122	15/2/24
	24BD05B16	186.1	353.9	19.9	354.1	21.2	147.4	133.6	1142.3	0.30	6.6	0.098	19/2/24
	24BD05B22	185.2	350.7	20.6	351.8	22.8	148.6	131.7	1120.2	0.29	7.0	0.103	27/2/24
	23BD05B34	186.5	345.0	21.8	340.7	22.4	143.2	136.2	1167.5	0.27	7.8	0.116	9/3/24
Mean			351.9	20.9	347.7	22.3	141.8	131.5	1139.4	0.285	7.831	0.118	
Std.			6.4	1.0	12.7	0.6	5.4	2.5	17.1	0.028	1.012	0.017	
Min.			342.1	19.9	327.9	21.2	133.7	128.7	1119.5	0.250	6.624	0.098	
Max.			360.7	23.0	366.3	22.9	148.6	136.2	1167.5	0.333	9.501	0.147	
MARV			339.2	18.8	322.2	21.1	131.1	126.6	1105.2				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS55-150

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD090224	24BD09B85	185.4	339.0	21.5	331.1	23.7	138.1	132.8	1158.1	0.35	10.6	0.160	11/3/24
	24BD09B86	185.8	332.5	21.2	338.4	22.7	137.4	131.2	1144.9	0.28	6.7	0.104	12/3/24
	24BD09B87	185.1	352.7	21.8	350.6	23.2	137.8	131.4	1169.3	0.28	7.3	0.108	12/3/24
	24BD09B88	185.1	342.1	21.1	358.5	23.8	137.8	131.4	1169.3	0.29	6.6	0.098	13/3/24
	24BD09B91	185.4	346.0	21.5	347.9	22.6	139.6	128.8	1120.9	0.29	9.1	0.139	16/3/24
	24BD09B97	184.5	334.1	21.0	335.4	22.5	133.8	129.2	1163.2	0.30	8.5	0.131	22/3/24
Mean			341.1	21.4	343.6	23.1	137.4	130.8	1154.3	0.299	8.117	0.123	
Std.			7.6	0.3	10.4	0.6	1.9	1.5	18.7	0.027	1.544	0.024	
Min.			332.5	21.0	331.1	22.5	133.8	128.8	1120.9	0.280	6.598	0.098	
Max.			352.7	21.8	358.5	23.8	139.6	132.8	1169.3	0.350	10.551	0.160	
MARV			325.9	20.7	322.9	21.9	133.6	127.8	1116.9				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS55-175

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD100124	24BD10C06	185.4	359.3	22.4	367.2	22.9	139.3	130.0	1129.0	0.33	10.4	0.161	3/1/24
	24BD10C09	183.8	352.5	21.9	348.7	22.8	136.9	129.5	1127.2	0.29	6.6	0.103	5/1/24
	24BD10C12	185.6	356.1	23.2	350.0	23.3	143.7	128.3	1163.6	0.28	7.1	0.111	16/1/24
	24BD10C15	184.9	352.8	21.3	359.0	22.2	134.9	133.3	1209.6	0.32	7.5	0.114	1/2/24
Mean			355.2	22.2	356.2	22.8	138.7	130.3	1157.4	0.305	7.910	0.122	
Std.			3.2	0.8	8.6	0.5	3.8	2.1	38.6	0.025	1.691	0.027	
Min.			352.5	21.3	348.7	22.2	134.9	128.3	1127.2	0.278	6.633	0.103	
Max.			359.3	23.2	367.2	23.3	143.7	133.3	1209.6	0.329	10.391	0.161	
MARV			348.8	20.6	339	21.9	131.2	126.0	1080.1				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS55-175

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD110124	24BD11B25	183.3	368.9	22.8	365.6	22.6	135.5	129.3	1140.8	0.30	13.1	0.202	4/1/24
	24BD11B28	184.7	349.8	23.0	345.0	22.9	137.1	129.0	1125.2	0.32	12.4	0.188	15/1/24
	24BD11B31	185.3	375.4	22.5	362.4	23.0	143.0	134.3	1136.9	0.29	7.6	0.110	2/2/24
Mean			364.7	22.8	357.7	22.8	138.5	130.9	1134.3	0.300	11.029	0.167	End roll: Total: rolls
Std.			13.3	0.3	11.1	0.2	4.0	3.0	8.1	0.014	3.030	0.049	
Min.			349.8	22.5	345.0	22.6	135.5	129.0	1125.2	0.288	7.554	0.110	
Max.			375.4	23.0	365.6	23.0	143.0	134.3	1140.8	0.315	13.121	0.202	
MARV			338.1	22.3	336	22.4	130.6	125.0	1118.1				
Spec.			315	15	315	15	125	125	940	0.425	5.0	0.05	

PP Woven Geotextile GS46-125

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Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD120224	24BD12B40	155.4	298.0	21.4	297.1	22.4	122.8	109.3	1007.5	0.29	9.1	0.135	20/3/24
	24BD12B41	156.7	302.4	21.1	294.0	22.7	118.0	112.0	1027.5	0.28	8.7	0.131	21/3/24
	24BD12B42	156	298.4	22.1	295.0	22.6	117.3	112.3	1016.8	0.29	9.2	0.137	22/3/24
	24BD12B43	156.7	298.4	22.1	295.0	22.6	118.4	109.8	1023.2	0.28	8.9	0.132	22/3/24
Mean			299.3	21.7	295.3	22.6	119.1	110.9	1018.8	0.284	8.988	0.134	
Std.			2.1	0.5	1.3	0.1	2.5	1.5	8.7	0.006	0.210	0.003	
Min.			298.0	21.1	294.0	22.4	117.3	109.3	1007.5	0.278	8.715	0.131	
Max.			302.4	22.1	297.1	22.7	122.8	112.3	1027.5	0.291	9.184	0.137	
MARV			295.2	20.7	292.6	22.3	114.1	107.8	1001.4				
Spec.			250	15	250	15	100	100	800	0.425	5.0	0.05	

End roll:
Total: rolls

PP Woven Geotextile GS40-175

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD010124	24BD01B02	133.6	257.2	20.4	239.3	23.3	108.5	93.5	868.3	0.29	12.4	0.186	2/1/24
	24BD01B05	135.5	243.8	21.9	228.7	23.7	109.4	95.2	869.4	0.29	17.1	0.269	5/1/24
	24BD01B08	136.2	242.4	20.8	243.1	23.3	104.3	101.5	911.4	0.32	10.6	0.167	9/1/24
	24BD01B11	134.3	230.5	20.3	220.0	21.7	103.6	92.5	861.6	0.33	7.8	0.121	15/1/24
	24BD01B14	134.1	242.4	20.1	233.6	23.1	108.0	100.9	870.0	0.29	8.2	0.127	19/1/24
	24BD01B17	135.2	252.8	19.3	240.8	21.4	111.0	91.8	863.3	0.31	12.1	0.187	23/1/24
	24BD01B23	135.1	224.8	18.1	229.9	21.9	102.1	91.7	840.7	0.33	12.0	0.173	30/1/24
Mean			242.0	20.1	233.6	22.6	106.7	95.3	869.2	0.307	11.456	0.176	
Std.			11.4	1.2	8.1	0.9	3.4	4.2	21.2	0.017	3.123	0.049	
Min.			224.8	18.1	220.0	21.4	102.1	91.7	840.7	0.286	7.800	0.121	
Max.			257.2	21.9	243.1	23.7	111.0	101.5	911.4	0.328	17.120	0.269	
MARV			219.2	17.7	217.4	20.8	100.0	86.9	826.9				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS40-125

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD040124	24BD04B48	133.5	249.9	19.3	234.0	22.3	110.0	94.9	882.0	0.29	10.0	0.155	2/1/24
	24BD04B51	135.3	244.8	19.9	244.3	23.4	105.3	96.0	894.2	0.29	11.2	0.173	6/1/24
	24BD04B54	136.2	229.1	18.6	238.4	23.1	104.8	96.5	866.0	0.30	9.4	0.142	11/1/24
	24BD04B57	134.1	234.6	19.5	238.7	23.7	100.8	91.0	852.0	0.29	9.1	0.141	16/1/24
	24BD04B60	135.2	260.8	19.8	246.5	22.8	102.3	93.7	876.2	0.30	8.1	0.126	21/1/24
	24BD04B63	134.8	241.7	19.0	236.6	22.7	108.9	99.9	856.5	0.27	11.0	0.169	24/1/24
	24BD04B69	134.9	225.9	17.4	241.7	21.4	106.2	96.4	849.3	0.28	9.7	0.145	2/2/24
	24BD04B81	137.8	247.3	17.9	256.6	23.1	106.9	95.6	842.4	0.28	8.1	0.125	2/3/24
	24BD04B96	136.4	239.3	18.9	229.6	21.4	106.8	94.1	881.7	0.29	8.3	0.127	21/3/24
Mean			241.5	18.9	240.7	22.7	105.8	95.3	866.7	0.288	9.428	0.145	End roll:
Std.			10.8	0.9	7.9	0.8	2.9	2.4	17.7	0.009	1.159	0.018	
Min.			225.9	17.4	229.6	21.4	100.8	91.0	842.4	0.273	8.136	0.125	Total: rolls
Max.			260.8	19.9	256.6	23.7	110.0	99.9	894.2	0.303	11.153	0.173	
MARV			219.8	17.2	225.0	21.1	99.9	90.5	831.2				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

PP Woven Geotextile GS40-125

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD060124	24BD06B29	134.2	264.1	19.8	243.3	22.8	110.3	96.2	870.5	0.26	10.6	0.160	2/1/24
	24BD06B32	134	252.9	20.5	219.4	21.9	108.4	94.7	858.0	0.29	12.8	0.199	5/1/24
	24BD06B35	134.8	237.6	19.8	221.2	22.1	105.7	93.9	845.0	0.31	9.1	0.141	10/1/24
	24BD06B38	134	224.1	19.0	227.8	23.0	98.3	92.3	842.8	0.31	9.8	0.152	15/1/24
	24BD06B41	135	244.3	18.7	236.9	22.9	118.5	104.8	853.0	0.26	9.5	0.147	19/1/24
	24BD06B44	135.6	261.0	19.9	231.6	21.3	116.4	93.9	862.9	0.25	8.8	0.135	24/1/24
	24BD06B50	137.8	239.2	18.4	238.7	22.6	112.1	96.2	856.8	0.29	11.7	0.173	16/2/24
	24BD06B62	136.9	255.1	19.1	241.6	22.2	110.2	100.8	861.8	0.29	11.6	0.167	3/3/24
	24BD06B77	135.1	256.2	19.8	220.7	21.5	108.4	91.6	851.9	0.28	10.2	0.153	25/3/24
Mean			248.3	19.4	231.2	22.3	109.8	96.0	855.8	0.281	10.452	0.159	End roll:
Std.			12.9	0.7	9.4	0.6	5.9	4.3	8.8	0.021	1.347	0.019	
Min.			224.1	18.4	219.4	21.3	98.3	91.6	842.8	0.247	8.794	0.135	Total: rolls
Max.			264.1	20.5	243.3	23.0	118.5	104.8	870.5	0.312	12.828	0.199	
MARV			222.4	18.1	212.4	21.0	98.0	87.5	838.2				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

PP Woven Geotextile GS40-150

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD080124	24BD08B48	132.6	240.7	19.0	227.5	21.5	110.7	93.6	864.7	0.33	12.7	0.195	3/1/24
	24BD08B51	134.9	228.2	19.4	222.2	21.3	103.7	97.8	840.1	0.32	13.5	0.211	8/1/24
	24BD08B54	133.5	213.7	18.6	209.8	21.3	96.8	91.2	813.5	0.31	13.3	0.203	12/1/24
	24BD08B57	134.8	219.8	18.3	246.9	21.2	103.5	91.8	870.6	0.31	6.1	0.094	17/1/24
	24BD08B60	134.5	234.4	18.8	220.4	21.7	118.1	103.4	866.8	0.28	8.6	0.134	19/1/24
	24BD08B63	134.9	254.7	19.0	232.4	21.3	113.4	95.6	847.8	0.29	11.5	0.178	23/1/24
	24BD08B69	135.1	223.5	17.2	218.7	19.8	109.9	95.8	835.5	0.32	9.6	0.145	1/2/24
	23BD08B81	135.3	219.1	19.1	216.9	20.4	100.7	92.8	861.5	0.31	10.9	0.165	11/3/24
Mean			229.3	18.7	224.4	21.0	107.1	95.3	850.1	0.309	10.774	0.166	
Std.			13.5	0.7	11.3	0.6	7.1	4.0	19.6	0.017	2.561	0.040	
Min.			213.7	17.2	209.8	19.8	96.8	91.2	813.5	0.279	6.084	0.094	
Max.			254.7	19.4	246.9	21.7	118.1	103.4	870.6	0.327	13.456	0.211	
MARV			202.3	17.3	201.7	19.8	92.9	87.3	810.8				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

End roll:

Total: rolls

PP Woven Geotextile GS40-150

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD090124	BD09B52	135	233.0	17.7	252.2	22.2	106.0	97.6	881.0	0.29	11.5	0.178	3/1/24
	BD09B55	135.1	224.9	19.0	240.0	23.0	102.6	94.5	865.3	0.34	14.3	0.222	6/1/24
	BD09B58	135.5	224.2	19.0	236.0	22.0	97.2	101.4	850.9	0.31	9.8	0.151	9/1/24
	BD09B61	133.7	215.3	17.9	221.0	21.8	94.7	93.7	847.8	0.30	11.0	0.171	13/1/24
	BD09B64	134	216.8	17.9	226.2	23.9	102.6	94.6	846.6	0.31	12.1	0.186	17/1/24
	BD09B67	133.6	241.3	18.7	234.3	22.7	105.8	97.5	860.5	0.29	8.0	0.124	20/1/24
	BD09B73	136.7	232.4	19.0	241.4	22.4	108.1	101.9	874.9	0.32	12.6	0.184	26/1/24
	BD09B84	134.3	224.1	17.8	233.0	22.4	104.2	95.3	810.1	0.28	10.3	0.157	3/3/24
Mean			226.5	18.4	235.5	22.5	102.7	97.1	854.6	0.303	11.212	0.172	End roll: 24BD09B8
Std.			8.7	0.6	9.6	0.7	4.5	3.2	21.9	0.019	1.912	0.029	
Min.			215.3	17.7	221.0	21.8	94.7	93.7	810.1	0.278	7.970	0.124	Total: 33 rolls
Max.			241.3	19.0	252.2	23.9	108.1	101.9	881.0	0.337	14.306	0.222	
MARV			209.1	17.2	216.4	21.2	93.6	90.7	810.8				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

PP Woven Geotextile GS40-125

INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
BD120124	24BD12B01	135.9	255.0	20.3	240.5	22.5	106.4	90.9	877.9	0.27	8.7	0.135	5/1/24
	24BD12B04	137.3	242.8	20.2	228.1	22.2	106.6	98.4	856.3	0.29	11.5	0.168	9/1/24
	24BD12B07	135.2	230.9	18.5	214.6	21.4	105.3	91.9	849.9	0.28	6.6	0.102	15/1/24
	24BD12B10	135.1	257.4	19.0	240.1	22.3	104.8	93.3	849.7	0.29	7.7	0.120	18/1/24
	24BD12B13	134.9	252.1	18.4	233.4	22.3	109.0	94.9	866.7	0.29	9.8	0.151	21/1/24
	24BD12B16	136	245.8	20.0	232.4	22.2	112.1	93.5	863.1	0.29	8.3	0.129	25/1/24
	24BD12B22	136.2	241.5	18.0	243.0	21.4	112.3	103.6	845.8	0.29	9.4	0.137	15/2/24
	24BD12B34	135.9	258.2	20.1	236.2	21.4	110.6	94.1	877.7	0.29	8.5	0.124	5/3/24
Mean			248.0	19.3	233.5	22.0	108.4	95.1	860.9	0.285	8.811	0.133	End roll: 24BD12B3 Total: 39 rolls
Std.			9.4	0.9	9.1	0.5	3.0	4.1	12.5	0.008	1.475	0.020	
Min.			230.9	18.0	214.6	21.4	104.8	90.9	845.8	0.268	6.571	0.102	
Max.			258.2	20.3	243.0	22.5	112.3	103.6	877.9	0.294	11.532	0.168	
MARV			229.1	17.4	215.4	21.0	102.3	86.9	835.8				
Spec.			200	15	200	15	85	85	700	0.425	5.0	0.05	

PP Woven Geotextile SF30
INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
AD040124	AD04A29-30	99.2	169.1	20.7	167.2	22.6	76.8	68.9	619.0	0.30	14.5	0.225	5/1/24
	AD04A35-36	100.4	173.1	20.3	165.4	21.0	73.8	73.6	655.1	0.28	10.5	0.164	9/1/24
	AD04A41-42	100	178.8	20.8	173.3	20.8	76.9	73.3	680.0	0.29	10.2	0.159	16/1/24
	AD04A55-56	99.5	175.6	19.7	163.8	18.4	81.2	77.5	653.0	0.29	12.1	0.179	1/2/24
	AD04A57-58	101.8	182.3	21.6	188.3	23.6	79.9	79.4	652.3	0.30	16.1	0.232	15/2/24
	AD04A59-60	102.9	191.4	22.1	186.4	23.3	78.9	78.7	650.9	0.30	18.5	0.270	17/2/24
	AD04A61-62	101	184.7	20.8	181.5	23.1	79.7	78.2	651.0	0.29	19.5	0.284	19/2/24
	AD04A67-68	101.4	180.9	20.3	184.3	22.6	84.1	84.5	661.1	0.29	17.7	0.262	24/2/24
Mean			179.5	20.8	176.3	21.9	78.9	76.8	652.8	0.292	14.901	0.222	
Std.			7.0	0.8	10.0	1.7	3.1	4.7	16.7	0.007	3.631	0.049	
Min.			169.1	19.7	163.8	18.4	73.8	68.9	619.0	0.277	10.225	0.159	
Max.			191.4	22.1	188.3	23.6	84.1	84.5	680.0	0.301	19.494	0.284	
MARV			165.5	19.2	156.2	18.4	72.7	67.3	619.3				
Spec.			130	15	130	15	47	47	325	0.600	10.0	0.10	

End roll: 24AD04A6

Total: 42rolls

PP Woven Geotextile SF30
INDIVIDUAL ROLL TEST REPORT

Lot #	Roll No.	Area Weight	Grab Tensile MD ASTM D4632	Elongation MD ASTM D4632	Grab Tensile CD ASTM D4632	Elongation CD ASTM D4632	Trap. Tear MD ASTM D4533	Trap. Tear CD ASTM D4533	CBR ASTM D6241	AOS ASTM D4751	Flow Rate ASTM D4491	Permittivity ASTM D4491	Production date
		gsm	lbs	%	lbs	%	lbs	lbs	lbs	mm	gal/min/sf	sec ⁻¹	
AD060324	24AD06A70-71	100	179.2	21.8	163.1	19.9	78.0	73.2	661.3	0.28	13.5	0.197	16/2/24
	24AD06A72-73	101.9	182.9	21.9	188.1	23.9	78.2	79.7	656.5	0.32	17.2	0.254	17/2/24
	24AD06A74-75	101.2	180.8	21.1	190.9	23.2	78.7	79.5	647.0	0.31	15.6	0.225	19/2/24
	24AD06A76-77	102.6	181.9	21.3	185.8	23.7	78.6	83.5	653.7	0.31	16.2	0.239	21/2/24
	24AD06A82-83	99.1	171.8	20.6	172.0	19.5	79.4	78.0	642.8	0.29	13.3	0.196	27/2/24
	24AD06A94-95	100.4	171.6	19.7	168.4	19.6	79.9	78.9	680.7	0.28	11.7	0.178	7/3/24
	24AD06B13-14	102.1	181.0	20.7	169.7	19.2	75.2	74.0	690.7	0.29	13.8	0.209	21/3/24
Mean			178.5	21.0	176.9	21.3	78.3	78.1	661.8	0.296	14.471	0.214	
Std.			4.7	0.8	11.1	2.2	1.5	3.5	17.7	0.017	1.909	0.027	
Min.			171.6	19.7	163.1	19.2	75.2	73.2	642.8	0.275	11.741	0.178	
Max.			182.9	21.9	190.9	23.9	79.9	83.5	690.7	0.320	17.218	0.254	
MARV			169.0	19.5	154.7	16.9	75.3	71.0	626.5				
Spec.			130	15	130	15	47	47	325	0.600	10.0	0.10	

End roll:

Total: rolls