



## MGPL TECHNICAL SPECIFICATIONS : SFWGT-300

Property	Test Method	Unit	Test Result
Material			Polypropylene Slit Woven
Weight	ASTM D-5261	GSM	300 (± 10)
Wide width strength (MD)	ASTM D-4595	Kn/m	65 (±5)
Wide width strength (CD)	ASTM D-4595	Kn/m	65 (±5)
Elongation (MD)	ASTM D-4595	%	18 (-20%)
Elongation (CD)	ASTM D-4595	%	16 (-20%)
Grab Tensile Strength (MD)	ASTM D-4632	N	1700 (± 50)
Grab Tensile Strength (CD)	ASTM D-4632	N	1700 (± 50)
Grab Elongation (MD)	ASTM D-4632	%	25 (-10%)
Grab Elongation (CD)	ASTM D-4632	%	20 (-10%)
Trapezoidal Tear (MD)	ASTM D-4533	N	550 (± 40)
Trapezoidal Tear (CD)	ASTM D-4533	N	550 (±40)
CBR Puncture	ASTM D-6241	N	3500 (± 100)
Permittivity	ASTM D-4491	1/Sec	0.05 (± 0.01)
Apparent Opening Size (AOS)	ASTM D-4751	mm	0.425 (±50)
Water Flow	ASTM D-4491	L/M <sup>2</sup> /Sec	5.00 (±0.5)
UV Resistance	ASTM D-4355	%	70% (@500 Hrs UV Exposure)
Roll Dimensions	ON REQUEST		

**NOTE:**

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. At time of manufacturing. Handling may change these properties.

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