

MGPL TECHNICAL SPECIFICATIONS : GC-100

<u>Property</u>	<u>Test Method</u>	<u>Unit</u>	<u>Test Result</u>
Material			Polypropylene Slit Woven
Construction Weave			24x10
Weight	ASTM D-5261	GSM	100
Wide width strength	ASTM D-4595	Kn/m	20
Wide width strength	ASTM D-4595	Kn/m	15
Elongation	ASTM D-4595	%	15
Elongation	ASTM D-4595	%	13
Grab Tensile Strength (MD)	ASTM D-4632	LBS	150
Grab Tensile Strength (CD)	ASTM D-4632	LBS	90
Grab Elongation (MD)	ASTM D-4632	%	15
Grab Elongation (CD)	ASTM D-4632	%	14
Trapezoidal Tear (MD)	ASTM D-4533	LBS	80
Trapezoidal Tear (CD)	ASTM D-4533	LBS	60
CBR Puncture	ASTM D-6241	LBS	550
Permittivity	ASTM D-4491	1/Sec	0.160
Water Flow	ASTM D-4491	L/M ² /Sec	8.6
UV Resistance	ASTM D-4355	%	80% (@500 Hrs UV Exposure)

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