

**MGPL TECHNICAL SPECIFICATIONS : GC-120**

<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	120
Wide width strength	ASTM D-4595	Kn/m	22
Wide width strength	ASTM D-4595	Kn/m	27
Elongation	ASTM D-4595	%	15
Elongation	ASTM D-4595	%	15
Grab Tensile Strength (MD)	ASTM D-4632	LBS	170
Grab Tensile Strength (CD)	ASTM D-4632	LBS	185
Grab Elongation (MD)	ASTM D-4632	%	15
Grab Elongation (CD)	ASTM D-4632	%	15
Trapezoidal Tear (MD)	ASTM D-4533	LBS	100
Trapezoidal Tear (CD)	ASTM D-4533	LBS	90
CBR Puncture	ASTM D-6241	LBS	700
Permittivity	ASTM D-4491	1/Sec	0.160
Water Flow	ASTM D-4491	L/M <sup>2</sup> /Sec	8.6
UV Resistance	ASTM D-4355	%	80% (@500 Hrs UV Exposure)

**MACFIL GLOBAL PVT LTD**

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