

**MGPL TECHNICAL SPECIFICATIONS : GC-80**

<u>Property</u>	<u>Test Method</u>	<u>Unit</u>	<u>Test Result</u>
Material			Polypropylene Slit Woven
Construction Weave			20x10
Weight	ASTM D-5261	GSM	80
Wide width strength	ASTM D-4595	Kn/m	15
Wide width strength	ASTM D-4595	Kn/m	11
Elongation	ASTM D-4595	%	13
Elongation	ASTM D-4595	%	12
Grab Tensile Strength (MD)	ASTM D-4632	LBS	100
Grab Tensile Strength (CD)	ASTM D-4632	LBS	60
Grab Elongation (MD)	ASTM D-4632	%	15
Grab Elongation (CD)	ASTM D-4632	%	14
Trapezoidal Tear (MD)	ASTM D-4533	LBS	50
Trapezoidal Tear (CD)	ASTM D-4533	LBS	35
CBR Puncture	ASTM D-6241	LBS	300
Permittivity	ASTM D-4491	1/Sec	0.05
Water Flow	ASTM D-4491	L/M <sup>2</sup> /Sec	4.00
UV Resistance	ASTM D-4355	%	70% (@500 Hrs UV Exposure)

**MACFIL GLOBAL PVT LTD**

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