



Non-woven geotextile: RM-300

Product – Polypropylene

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Weight	ASTM D5261	g/m2 (oz./yd2)	271 (8)
Grab Tensile Strength	ASTM D4632	lbs (N)	205 (911)
Grab Tensile Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	80 (356)
CBR Puncture Strength	ASTM D6241	lbs (N)	535 (2380)
Apparent Opening Size(AOS)	ASTM D 4751	mm	0.212
Permittivity	ASTM D4491	Sec-1	1.40
Water Flow Rate	ASTM D 4491	gal./min/ft ² (l/min/m ²)	98 (4000)
UV Resisitance (at 500 hours)	ASTM D4355	% strength retained	70

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