

TECHNICAL DATA SHEET OF RPE Woven Geomembrane

24 MILS

Sr. No	Properties	Test Method	Typical Value
1	Thickness	ASTM D 1777	24 mils
2	Grab Tensile (N)	ASTM D 7004	MD 345 lb (1535)
			TD 339 lb (1507)
3	Strip Tensile (N/5cm)	ASTM D 7003	MD 262 lb/in (2334) TD 295 lb/in (2623)
4	Tongue Tear-large scale(N)	ASTM D 5884	MD 96 lb (426) TD 107 lb (476)
5	Mullen Burst	ASTM D 751	570 psi (3930 kPa)
6	Hydrostatic Resistance	ASTM D 751	355 psi (2448 kPa)
7	Puncture Resistance	ASTM D 4833	151 lb (672 N)
8	CBR Static Puncture	ASTM D 6241	1212 lb (5394 N)
9	Dimensional Stability	ASTM D 1204	MD - 2.9 % TD - 0.6 %
10	Accelerated UV Weathering	ASTM G 154	>90 % strength Retention after 2000 hrs@0.77 W/m ² /nm

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