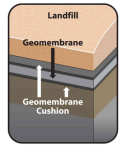




US 270NWE

Environmental Nonwoven Geotextile

GEOMEMBRANE CUSHION



US 270NWE is an 10 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 270NWE is resistant to ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13. US 270NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	10 oz/y ²	339 g/m ²
Thickness ⁽¹⁾	ASTM D-5199	110 mils	2.794 mm
Grab Tensile Strength	ASTM D-4632	270 lbs	1,200 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	725 lbs	3,226 N
Trapezoidal Tear	ASTM D-4533	100 lbs	445 N
Apparent Opening Size ^(1,2)	ASTM D-4751	100 US Sieve	0.149 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.94 Sec ⁻¹	0.94 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.3 cm/sec	0.3 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	75 g/min/f ²	3,056 L/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	70 %	70 %

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

US 270NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 570'	31"	15'	620 lbs	950 y ²	27
12.5 x 360'	18"	12.5'	350 lbs	500 y ²	90
15' x 300'	19"	15'	350 lbs	500 y ²	85

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