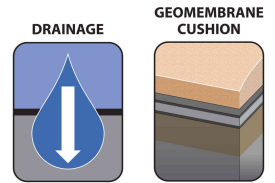




US 165NWE

Environmental Nonwoven Geotextile



US 165NWE is a 6 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 165NWE 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 165NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	6 oz/y ²	203.4 g/m ²
Thickness ⁽¹⁾	ASTM D-5199	85 mils	2.159 mm
Grab Tensile Strength	ASTM D-4632	160 lbs	711 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	450 lbs	2,003 N
Trapezoidal Tear	ASTM D-4533	65 lbs	289 N
Apparent Opening Size ^(1,2)	ASTM D-4751	70 US Sieve	0.21 mm
Permittivity ⁽¹⁾	ASTM D-4491	1.63 Sec ⁻¹	1.63 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.48 cm/sec	0.48 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	125 g/min/f ²	5,093 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 165NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 900'	31"	15'	620 lbs	1,500 y ²	27

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