



TerraTex N04.5

Nonwoven Geotextile

TerraTex N04.5 is a nonwoven geotextile made up of polypropylene fibers. These fibers are needed to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. TerraTex N04.5 is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	UNIT	ASTM TEST METHOD	Minimum Average Roll Values
Weight (Typical)	oz/yd ² (g/m ²)	ASTM D5261	4.5 (153)
Grab Tensile	lbs (kN)	ASTM D4632	120 (0.533)
Grab Elongation	%	ASTM D4632	50
Trapezoid Tear	lbs (kN)	ASTM D4533	50 (0.222)
Puncture Resistance	lbs (kN)	ASTM D4833	70 (0.311)
CBR Puncture	lbs (kN)	ASTM D6241	340 (1.46)
Mullen Burst	psi (kPa)	ASTM D3786	240 (1654)
Permittivity	sec ⁻¹	ASTM D4491	1.8
Water Flow	gpm/ft ² (1/min/m ²)	ASTM D4491	120 (4885)
A.O.S. (Maximum A.R.V.)	U.S. Sieve (mm)	ASTM D4751	70 (0.212)
U.V. Resistance	%/hrs	ASTM D4355	70/500

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