



GT-110

nonwoven geotextile

Style GT-110 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GT-110 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. Style GT-110 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)	TYPICAL VALUE **
Weight (Mass per Unit Area)	ASTM D 5261	oz/sy (g/m ²)		10.0 (339)
Grab Tensile	ASTM D 4632	lbs (kN)	250 (1.112)	280 (1.245)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	100 (0.445)	110 (0.489)
Puncture Resistance	ASTM D 4833	lbs (kN)	155 (0.690)	165 (0.735)
CBR Puncture Strength	ASTM D 6241	lbs (kN)	700 (3.111)	866 (3.780)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	500 (3447)	595 (4100)
Permittivity*	ASTM D 4491	l/sec	1.2	1.3
Permeability*	ASTM D 4491	cm/sec	0.2	0.35
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	80 (3251)	95 (3863)
AOS*	ASTM D 4751	US Sieve (mm)	100 (0.150)	100-120 (.15 -.125)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

* At the time of manufacturing. Handling, storage and shipping may change these properties. **Typical property values are for comparison purpose only.

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PACKAGING	
Roll Dimensions (W x L) – Meters	3.81 x 109.727 / 4.572 x 91.45
Square Meters Per Roll	418.06
Estimated Roll Weight - Kg	145.06

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