

Geotextile Product Description Sheet
GEI-110
10 oz Nonwoven Geotextile

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

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D 5261	oz/sy (g/sm)	10.0 (339)
Grab Tensile	ASTM D 4632	lbs (kN)	250 (1.11)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	100 (.444)
Puncture Resistance	ASTM D 4833	lbs (kN)	160 (.711)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	520 (3583)
Permittivity*	ASTM D 4491	I/sec	1.2
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	80 (3251)
AOS*	ASTM D 4751	US Sieve (mm)	100 (.150)
UV Resistance	ASTM D 4355	%/hrs	70/500

*At the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING	
Roll Dimensions (W x L) – Feet	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight - Lbs	320

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