



# GT-112

nonwoven geotextile

Style GT-112 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GT-112 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. Style GT-112 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)	TYPICAL VALUE**
Nominal Weight	ASTM D 5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	-	12 (407)
Nominal Thickness	ASTM D 5199	Mils (mm)	-	120 (3.05)
Grab Tensile	ASTM D 4632	lbs (kN)	300 (1.33)	327 (1.455)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	115 (0.511)	125 (.556)
Puncture Resistance	ASTM D 4833	lbs (kN)	175 (0.780)	190 (.844)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	850 (3.778)	950 (4222)
Mullen Burst Strength	ASTM D 3786	psi	580 (4000)	689 (4750)
Permittivity*	ASTM D 4491	l/sec	1.0	1.06
Permeability*	ASTM D 4491	cm/sec	0.25	0.36
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	75 (3056)	80 (3253)
AOS*	ASTM D 4751	US Sieve (mm)	100 (.150)	100-120 (.15-.125)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

\* At the time of manufacturing. Handling, shipping and storage 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 109.75 / 4.57 x 91.46
Square Meters Per Roll	418.06
Estimated Roll Weight - Kg	170

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