



GT-142

nonwoven geotextile

Style GT-142 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. **GT-142** resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. **GT-142** 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/sy (g/sm)		4.5 (153)
Grab Tensile	ASTM D 4632	lbs (kN)	120 (.534)	135 (.600)
Grab Elongation	ASTM D 4632	%	50	65
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	52 (.231)	64 (.285)
Puncture Resistance	ASTM D 4833	lbs (kN)	68 (.302)	82 (.365)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	340 (1.513)	405 (1.802)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	225 (1552)	265 (1828)
Permittivity*	ASTM D 4491	l/sec	1.7	2.3
Permeability*	ASTM D 4491	cm/sec	0.30	0.42
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	120 (4885)	150 (6111)
AOS*	ASTM D 4751	US Sieve (mm)	70 (.212)	70-80 (.212 – .180)
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.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Skaps Industries assumes no liability in connection with the use of this information.

PACKAGING	
Roll Dimensions (W x L) – Meters	3.81 / 4.572 x 109.727
Square Meters Per Roll	418.06 / 501.67
Estimated Roll Weight - Kg	69 / 81.6

Date Issued: 07/04/2011

MADE IN USA