



GE-140

nonwoven geotextile

Style GE-140 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. **GE-140** resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. **GE-140** 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)	4.0 (135.6)	4.2 (143)
Grab Tensile	ASTM D 4632	lbs (kN)	105 (.467)	125 (.556)
Grab Elongation	ASTM D 4632	%	50	65
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	45 (.200)	55 (.245)
Puncture Resistance	ASTM D 4833	lbs (kN)	65 (.289)	70 (.311)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	305 (1.360)	365 (1.622)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	230 (1448)	260 (1793)
Permittivity*	ASTM D 4491	l/sec	2.0	2.6
Permeability*	ASTM D 4491	cm/sec	0.30	0.45
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	160 (6518)	175 (6655)
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	3.81/4.57 x 109.75
Square Yards Per Roll	418.06/501.67
Estimated Roll Weight - Kg	66.2 /78.0

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