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Geotextile Product Description Sheet

SKAPS GE-170 7 oz Nonwoven Geotextile

SKAPS GE-170 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-170 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GE-170 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight	ASTM D 5261	oz/sy (g/m ²)	7.0 (237)
Thickness*	ASTM D 5199	mils (mm)	90 (2.29)
Grab Tensile	ASTM D 4632	lbs (kN)	200 (.889)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	75 (.33)
Puncture Resistance	ASTM D 4833	lbs (kN)	115 (.511)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	370 (2549)
Permittivity*	ASTM D 4491	sec ⁻¹	1.41
Permeability*	ASTM D 4491	cm/sec	.46
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	110 (4470)
AOS*	ASTM D 4751	US Sieve (mm)	70 (.212)
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) – ft	15 x 780
Square Yards Per Roll	1300
Estimated Roll Weight - lbs	620

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

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Made in U.S.A.