NON-WOVEN GEOTEXTILE

GE - 116



SKAPS GE-116 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-116 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13.



SKAPS GE-116 conforms to the Minimum Average Roll Values (MARV) listed below:

Property	Method	English (MARV²)	Metric (MARV ²)
Weight	ASTM D 5261	16 oz/yd ²	542 g/m ²
Grab Tensile Strength	ASTM D 4632	425 lbs	1.89 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	150 lbs	0.667 kN
Thickness ⁴	ASTM D-5199	175 mils	4.45 mm
CBR Puncture Resistance	ASTM D 6241	1200 lbs	5.34 kN
Permittivity ⁴	ASTM D 4491	0.57 sec ⁻¹	0.57 sec ⁻¹
Permeability ⁴	ASTM D 4491	0.25 cm/sec	0.25 cm/sec
Water Flow ⁴	ASTM D 4491	45 gpm/ft ²	1833 l/min/m ²
Apparent Opening Size (AOS) ^{3&4}	ASTM D 4751	100 US Sieve	0.15 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

Packaging

Roll Dimensions (W x L)	15 x 360 ft.	4.58 m x 109.72 m
Area Per Roll	600 sq. yards	502.52 sq. meters

Note

- 1. The property values listed above are subject to change without notice.
- 2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
- 3. Maximum Average Roll Value (MaxARV)
- At time of manufacturing. Handling may change these properties.

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.