SKAPS GT-140

NON-WOVEN GEOTEXTILE

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SKAPS GT-140 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-140 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. SKAPS GT-140 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

SKAPS GT-140 conforms to the Minimum Average Roll Values (MARV) listed below:

PROPERTY	TEST METHOD	ENGLISH (MARV[2])	METRIC (MARV[2])
Grab Tensile Strength	ASTM D 4632	100 lbs.	0.445 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	45 lbs.	0.2 kN
CBR Puncture Resistance	ASTM D 6241	300 lbs	1.334 kN
Permittivity[4]	ASTM D 4491	2.0 sec^{-1}	2.0 sec^{-1}
Water Flow[4]	ASTM D 4491	140 gpm/ft^2	5689 $l/min/m^2$
Apparent Opening Size (AOS)[3&4]	ASTM D 4751	70 Std. U.S. Sieve	0.212 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

PACKAGING

Roll Dimensions (W x L)	12.5 x 360 ft. 15 x 360 ft.	3.81 m x 109.8 m 4.6 m x 109.8 m
Area Per Roll	500 sq. yards 600 sq. yards	418.3 sq. meters 505.1 sq. meters
Estimated Roll Weight	146 lbs. 172 lbs.	66 kg 78 kg

NOTES:

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)
4. 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.