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Geotextile Product Description Sheet

GT120 Non Woven Geotextile

GT120 is a high quality needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, randomly networked to form a high strength dimensionally stable fabric. Skaps GT120 resists ultraviolet deterioration, rotting, biological degradation. The fabric is inert to commonly encountered soil chemicals. Polypropylene is stable within a pH range of 2 to 13. SKAPS GT120 conforms a to the property values listed below:

Physical Property

Property	Test Method	Unit	Minimum Average Roll Value
Weight	ASTM D 5261	oz/sq. yd.(gm/m ²)	2.0(68)
Grab Tensile	ASTM D 4632	lbs (kN)	50(0.22)
Grab Elongation	ASTM D 4632	%	50
Trapezoidal Tear Strength	ASTM D 4533	lbs (kN)	20(0.09)
Puncture Resistance	ASTM D 4833	lbs (kN)	35(0.15)
AOS*	ASTM D 4751	U.S. Sieve(mm)	70(0.212)
Permittivity*	ASTM D 4491	sec ⁻¹	1.0
Water Flow*	ASTM D 4491	gpm/sq. ft.	160
UV Resistance, Grab Strength retained after 150 hours	ASTM D 4355	%	50

Notes:

* At the time of manufacturing. Handling may change these properties