

Crown Resources



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Geotextile Product Description Sheet

Style R031

R031 is a nonwoven geotextile produced by needlepunching synthetic staple fibers in a random network to form a high strength dimensionally stable fabric. The polypropylene fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a pH range of 2 to 13. R031 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs	80 (.35 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs	25 (.11 kN)
CBR Puncture	ASTM D 6241	lbs	175 (.76 kN)
Permittivity*	ASTM D 4491	1/sec	2.2
Water Flow*	ASTM D 4491	gpm/sqft	150 (6095 l/min/sm)
AOS	ASTM D 4751	U.S. Sieve	50 (.30 mm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70

Packaging	
Roll Dimensions-Feet	12.5/15 x 360
Square Yards Per Roll	500/600
Estimated Roll Weight-Lbs.	125/145

* At time of manufacturing, handling may change these properties.

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