

Crown Resources



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Geotextile Product Description Sheet

Style E070

E070 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. E070 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight	ASTM D 5261	oz/sq.yd.	7.0 (238 g/sm)
Thickness*	ASTM D 5199	mils	90 (2.29 mm)
Grab Tensile	ASTM D 4632	lbs.	200 (.889 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	75 (0.33 kN)
CBR Puncture	ASTM D 6241	lbs	500 (2.22 kN)
Permittivity*	ASTM D 4491	1/sec	1.35
AOS	ASTM D 4751	U.S. Sieve	70 (.212 mm)
Permeability*	ASTM D 4491	cm/sec	.4
Water Flow*	ASTM D 4491	gpm/sqft	105 (4470 1/min/sm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70
Packaging			
Roll Dimensions-Foot			15 x 780
Square Yards Per Roll			1300
Estimated Roll Weight-Lbs.			620

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

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