

Crown Resources



2694 Hayes Wilbank Road
Toccoa, GA 30577
(864)968-0592

Geotextile Product Description Sheet

Style E080

E080 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. E080 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight	ASTM D 5261	oz/sq.yd.	8.0(271 g/sm)
Thickness*	ASTM D 5199	mils	100(2.5 mm)
Grab Tensile	ASTM D 4632	lbs.	225(1.0 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	90(.40 kN)
CBR Puncture	ASTM D 6241	lbs	575(2.56 kN)
Permittivity*	ASTM D 4491	1/sec	1.26
AOS	ASTM D 4751	U.S. Sieve	80 (.18 mm)
Water Flow*	ASTM D 4491	gal/min/sqft	100(4074 l/min/sm)
Permeability*	ASTM D 4491	cm/sec	0.3
UV Resistance	ASTM D 4355	%	70
Packaging			
Roll Dimensions-Feet			15 x 690
Square Yards Per Roll			1150
Estimated Roll Weight-Lbs.			620

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

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