

Crown Resources



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

Geotextile Product Description Sheet

Style E160

E160 is a nonwoven geotextile produced by needlepunching 100% polypropylene 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. E160 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight	ASTM D 5261	oz/sq.yd.	16.0 (544 g/sm)
Thickness*	ASTM D 5199	mils	175 (4.45 mm)
Grab Tensile	ASTM D 4632	lbs.	425 (1.89 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	150 (.667 kN)
CBR Puncture	ASTM D 6241	lbs	1125 (5.0 kN)
Permittivity*	ASTM D 4491	1/sec	0.57
AOS	ASTM D 4751	U.S. Sieve	100 (.150 mm)
Permeability*	ASTM D 4491	cm/sec	.25
Water Flow*	ASTM D 4491	gpm/sqft	45 (1833 1/min/sm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70
Packaging			
Roll Dimensions-Feet			15 x 360
Square Yards Per Roll			600
Estimated Roll Weight-Lbs.			620

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

To the best of our knowledge, the information contained herein is accurate. However, Crown Resources cannot anticipate all conditions under which the product information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products either alone or in combination with other products. Final determination of the suitability of any information or material for the use contemplated, of its manner of use, and whether the suggested use infringes any patents is the sole responsibility of the user.