

# Crown Resources



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## Geotextile Product Description Sheet

# Style E120

E120 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. E120 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
<b>Weight</b>	ASTM D 5261	oz/sq.yd.	12.0 (408 g/sm)
<b>Thickness*</b>	ASTM D 5199	Mils	120 (3.05 mm)
<b>Grab Tensile</b>	ASTM D 4632	lbs.	350 (1.56 kN)
<b>Grab Elongation</b>	ASTM D 4632	%	50
<b>Trap Tear</b>	ASTM D 4533	lbs.	125 (.556 kN)
<b>CBR Puncture</b>	ASTM D 6241	Lbs	900 (4.0 kN)
<b>Permittivity*</b>	ASTM D 4491	1/sec	0.758
<b>AOS</b>	ASTM D 4751	U.S. Sieve	100 (.150 mm)
<b>Permeability*</b>	ASTM D 4491	cm/sec	.30
<b>Water Flow*</b>	ASTM D 4491	gpm/sqft	60 (2290 1/min/sm)
<b>UV Resistance after 500 hrs.</b>	ASTM D 4355	% Strength Retained	70
<b>Packaging</b>			
<b>Roll Dimensions-Feet</b>			15 x 480
<b>Square Yards Per Roll</b>			800
<b>Estimated Roll Weight-Lbs.</b>			620

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

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