

# Crown Resources



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## Geotextile Product Description Sheet

# Style R120

R120 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. R120 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
<b>Grab Tensile</b>	ASTM D 4632	lbs.	300 (1.33 kN)
<b>Grab Elongation</b>	ASTM D 4632	%	50
<b>Trap Tear</b>	ASTM D 4533	lbs.	115 (.511 kN)
<b>CBR Puncture</b>	ASTM D 6241	lbs	790 (3.51 kN)
<b>Permittivity*</b>	ASTM D 4491	1/sec	1.0
<b>Water Flow*</b>	ASTM D 4491	gpm/sqft	75 (3055 l/min/sm)
<b>AOS</b>	ASTM D 4751	U.S. Sieve	100 (.150 mm)
<b>UV Resistance after 500 hrs.</b>	ASTM D 4355	% Strength Retained	70

Packaging	
<b>Roll Dimensions-Feet</b>	12.5 x 360/15 x 300
<b>Square Yards Per Roll</b>	500
<b>Estimated Roll Weight-Lbs.</b>	375

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

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