

# Crown Resources



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## Geotextile Product Description Sheet

### Style R100

R100 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. R100 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs.	250 (1.11 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	100 (.444 kN)
CBR Puncture	ASTM D 6241	lbs.	650 (2.89 kN)
Permittivity*	ASTM D 4491	1/sec	1.2
Water Flow*	ASTM D 4491	gpm/sqft	80 (3251 l/min/sm)
AOS	ASTM D 4751	U.S. Sieve	100 (.150 mm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70
<b>Packaging</b>			
Roll Dimensions-Feet			12.5 x 360/15 x 300
Square Yards Per Roll			500
Estimated Roll Weight-Lbs.			320

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

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