

# Crown Resources



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## Geotextile Product Description Sheet

# Style R040

R040 is a nonwoven geotextile fabric produced by needlepunching synthetic staple fibers in a random network to form a high strength dimensionally stable fabric. The 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. R040 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.	100 (.444 kN)
<b>Grab Elongation</b>	ASTM D 4632	%	50
<b>Trap Tear</b>	ASTM D 4533	lbs.	45 (.200 kN)
<b>CBR Puncture</b>	ASTM D 6241	lbs	270 (1.20 kN)
<b>Permittivity*</b>	ASTM D 4491	1/sec	2.0
<b>Water Flow*</b>	ASTM D 4491	gpm/sqft	140 (5704 l/min/sm)
<b>AOS</b>	ASTM D 4751	U.S. Sieve	70 (.212 mm)
<b>UV Resistance after 500 hrs.</b>	ASTM D 4355	% Strength Retained	70
Packaging			
<b>Roll Dimensions-Feet</b>			12.5/15 x 360
<b>Square Yards Per Roll</b>			500/600
<b>Estimated Roll Weight-Lbs.</b>			146/172

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

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