



## 1200R Geotextile Specification Sheet

1200R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. 1200R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2-13.

Types of applications for 1200R are: Heavy Shore-line protection, Coastal protection, Scour Areas, Rockfill Structures, Dykes, Energy Dissipators.

1200R is a manufactured high strength non-woven geotextile. Recommended use with armour stone in excess of 3 tons. High level of filtration. High end cushion fabric.

Property	ASTM Test Method	Value Metric Units
<b>Typical Geotextile Properties</b>		
• Weight (Typical)	D 5261	540 g / m <sup>2</sup> (16 oz/sqyd)
• Grab Tensile Strength	D 4632	1690 N
• Grab Elongation	D 4632	50-105 %
• Tear Resistance	D4533	644 N
• Puncture CBR	D 6241	4820 N
• Permittivity	D 4491	0.7 sec <sup>-1</sup>
• Water Flow	D 4491	2035 l/min/m <sup>2</sup>
• Apparent Opening Size	D 4751	0.150 mm
• U.V. Stability	D 4355	70% @ 500hrs

