

Technical Datasheet

Lotrak[®] 70R is a woven polypropylene geotextile used as a reinforcement fabric in a wide range of civil engineering applications. This geotextile provides high tensile strength and CBR properties and is particularly suited as reinforcement for very soft ground.

TEST	STANDARD		Lotrak [®] 70R
Tensile Strength (kN/m)	EN 10319	Warp	74
		Weft	72
Tensile Strength at 5% strain (%)	EN 10319	Warp	55
		Weft	55
Elongation at max. load (%)	EN 10319	Warp	9
		Weft	7
CBR Puncture Resistance (N)	EN ISO 12236		9200
Cone Drop Penetration (mm)	EN 918		6
Pore size 90% finer than (microns)	EN ISO 12956		240
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.018
Water Flow Rate (l/m ² /sec)	EN ISO 11058		18
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)		Width	5
		Length	100



All products are manufactured under BS EN ISO 9001.

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