

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 ISO 10319	MD	74
		CD	72
Tensile Strength at 5% strain (%)	EN ISO 10319	MD	55
		CD	60
Elongation at max. load (%)	EN ISO 10319	MD	9
		CD	7
CBR Puncture Resistance (N)	EN ISO 12236		9200
Cone Drop Penetration (mm)	EN ISO 13433		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)			5 x 100

All products are manufactured under BS EN ISO 9001.

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