

Product Specifications

Terrafix THP5700

Polypropylene – woven high tenacity polypropylene filament

Terrafix THP5700 is a woven high tenacity polypropylene filament. Used as an effective coastal protection, reinforced, and dewater applications. Terrafix THP5700 High Performance Geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

Property	ASTM Test Method	Machine Direction Strength (MD)	Cross Machine Direction Strength (XMD)
Mechanical Properties			
• Tensile Strength @ 2% Strain	D 4595	14 kN/m	22.1 kN/m
• Tensile Strength @ 5% Strain	D 4595	35 kN/m	44.2 kN/m
• Tensile Strength	D 4595	70 kN/m	70 kN/m
• Flow Rate	D 4491	1230 l/min/m2	
• Permittivity	D 4491		0.5 sec
• Apparent Opening Size O95	D 4751		0.43 mm
Roll Properties			
• Roll Size	--	100m	4.6m
Typical Properties			
• UV Resistance @500hrs	D 4355	90%*	90%*

* UV Resistance (ASTM D4355) not a standard QA verification test, testing available by request

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Terrafix THP5700 – Version 1