

Wavin GeoTextile Protective Fleece

Product description

The **GeoTextile Protective Fleece** is a non-woven geotextile manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics.

Feature	Characteristics	Test Method	GeoTextile Protective Fleece
Mechanical Properties	Static Puncture Strength (CBR)	BS EN ISO 12236	3.7 kN (-10%)
	Mass per Unit Area	EN ISO 9864	300 g/m ² (-20%)
	Thickness @ 2kPa	BS EN ISO 9863:1	1.25 mm (nominal)
	Push Through Displacement	BS EN ISO 12236	65 mm
	Tensile Strength (MD)	BS EN ISO 10319	24 kN/m (-10%)
	Tensile Strength (CMD)	BS EN ISO 10319	24 kN/m (-10%)
	Tensile Elongation (MD)	BS EN ISO 10319	65% (±20%)
	Tensile Elongation (CMD)	BS EN ISO 10319	75% (±20%)
	Dynamic Perforation Test	BS EN ISO 13433	15 mm (+3)
Hydraulic Test Data	Apparent Pore Size 90% Finer (O ₉₀)	EN ISO 12956	80 µm (±20%)
	Water Flow	BS EN ISO 11058	60 l/s/m ² (-15)
Durability Data	Resistance to Weathering (UV)	EN 12224	> 90%
	Resistance to Oxidization (100 years)	EN 12226	> 90%
	Microbiological Resistance	EN 12225	No Loss
	Resistance to Liquids	EN 14030	No Loss
Physical Property Data	Roll Dimensions		6.0 m x 100 m 2.0 m x 100 m
	Approximate Roll Weight	For Handling Guidance	200 kg (600 m ²) 60 kg (200 m ²)
	Fibre Type	High tenacity virgin polypropylene staple fibre with UV inhibitor	
	Needle Detection	The product is electronically and manually inspected during manufacture	