



HIGH PERFORMANCE GEOTEXTILES



GeoTex DC 6

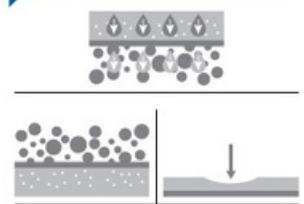
GeoTex geotextiles are high tenacity polyester fibers as non-woven produced which provide biaxial tensile strength and protection.

MECHANICAL PROPERTIES	VALUE	UNIT	TOLERANCE
Tensile Strength (MD) EN ISO 10319	6	kN/m	- 0.8
Tensile Strength (CD) EN ISO 10319	6	kN/m	- 0.8
Elongation at max. Load (MD) EN ISO 10319	75	%	+/- 20
Elongation at max. Load (CD) EN ISO 10319	80	%	+/- 20
Puncture Resistance (CBR) EN ISO 12236	1100	N	- 165
Dynamic Puncture (Cone Drop) EN ISO 13433	37	mm	+ 9.2
HYDRAULIC PROPERTIES			
Water Permeability (VI_{H50} l/m².s) EN ISO 11058	115	l(m ² .s)	- 27
Opening Size (O₉₀) EN ISO 12956	75	µm	+/- 20
PHYSICAL and CHEMICAL PROPERTIES			
Thickness at 2 kPa EN ISO 9863-1	1.15	mm	+/- 0.2
Mass Area EN ISO 9864	200	gr/m ²	+/- 20
Roll Dimension (W*L)		6 * 200 m	
Polymer Type		Polyester	

APPLICATION AREAS



FUNCTIONS



* MD: Manufacturing direction
* CMD : Cross manufacturing direction