



Landflex G3000

3000CBR Geotextile

Product Specification

	Test method	Value	Tolerance
Mechanical Properties			
Tensile strength MD	EN ISO 10319	17.8 kN/m	-2.3 kN/m
Tensile strength CD		17.8 kN/m	-2.3 kN/m
Elongation MD	EN ISO 10319	50.0 %	± 11.5%
Elongation CD		55.0%	± 12.7%
Static puncture resistance (CBR)	EN ISO 12236	3.10 kN	-0.62 kN
Dynamic perforation resistance – Cone drop	EN ISO 13433	13.0mm	+3.3mm
Pyramid puncture	EN ISO 14574	275.0N	-55.0N
Protection efficiency	EN ISO 13719	1.5%	-0.3%
Hydraulic Properties			
Water permeability normal to the plane	EN ISO 11058	80x10 ⁻³ m/s	-24 x 10 ⁻³ m/s
Water flow normal to the plane (*)		80 l/m ² .s	-24 l/m ² .s
Water flow capacity in the plane 20kPa	EN ISO 12958	7 x 10 ⁻⁶ /s	-10% log g
Characteristic opening size (AOS)	EN ISO 12956	70.0 µm	±21.0µm
Physical Properties			
Thickness under 2 kPa (*)	EN ISO 9863-1	2.20mm	±0.44mm
Weight (*)	EN ISO 9864	250g/m ²	±25.0g/m ²
Composition	100% Polypropylene non-woven geotextile		
Durability	Predicted to be durable for a minimum of 25 years in natural soil with 4<pH<9 and soil temperatures < 25C		
The information herein is based upon data obtained by the manufacturer and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.			



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