

I-TEX-GEO 200

Technical Data Sheet



إنوشيم انترناشونال ش.ذ.م.م

InnoChem International L.L.C.

Waterproofing & Insulation Materials

SPECIFICATION OF I-TEX Geo 200

PP-Nonwoven, Needle punched Calendared

I-TEX Geo 200 meets AASHTO M288-06 Class-2 Elongation >50 %

- The values reported herein are, to best of our knowledge, accurate and reflect the average results obtained in our laboratory; however, the given information should not be considered as guarantee / guarantee figures.
- Test carried out in external laboratory at regular interval.
- Rights are reserved to modify the present data sheet without prior notice.
- Last Updated: March, 2018

PHYSICAL PROPERTIES

PROPERTIES	STANDARD	UNIT	I-TEX Geo 200(MARV)
Mass/ Unit Area	ASTM D 5261/EN ISO 9864	gms/ m ²	200
Thickness (2k N/m ²)	ASTM D 5199/EN ISO 9863-1	mm	1.50

MECHANICAL PROPERTIES

Grab Tensile Strength	MD	ASTM D 4632	N	700
	CD			
Grab Tensile Elongation	MD	ASTM D 4632	%	>50
	CD			
Trapezoidal Tear Strength	MD	ASTM D 4533	N	250
	CD			
Puncture Strength (CBR)	ASTM D 6241/EN ISO 12236	N	2000	
Mullen Burst Strength	ASTM D 3786	kPa	1600	

HYDRAULIC PROPERTIES

Opening Size (O ₉₅)	ASTM D 4751	mm (US Sieve)	0.106 (140)
Flow Rate - 5 cm head	EN ISO 11058	l/m ² /s	70
Permeability	ASTM D 4491	m/Sec	0.0020

DURABILITY

UV Resistance @500 hrs ²	ASTM D 4355	% Strength Retained	>70
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ROLL DIMENSIONS

Roll Width	m	5.6
Roll Length	m	100
Roll Area	m ²	560



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