

DiBo -13G TECHNICAL DATA SHEET

INDOKON Geocomposite drainage layer comprising a high performance Single Cuspated HDPE (High Density Polyethylene) Core with a geotextile filter thermally bonded to one Side. The Product is practically impermeable on one side. It is used for drainage of all underground ground structures. It comprises a highly compression resistant.

DiBo-13G PROPERTIES

Properties	Test Method	Unit	Value Mean (with tolerance)
Geocomposites		-	
Thickness @2 kPa	EN ISO 9863-1	mm	13.0 [±10%]
Mass Per Unit Area	EN ISO 9864	g/m²	895 [5.0%]
Tensile Strength MD / CMD	EN ISO 10319	kN/m	10.0 10.0 [±10%]
Elongation @ Peak MD / CMD		%	45.0 45.0 [±10]
CBR Puncture	EN ISO 12236	N	1800 [±10%]
Hydraulic Properties		-	-
In Plane Water Flow i=1.0	EN ISO 12958	l/m.s	-
@ 20 kPa			3.50
@ 20 kPa			3.40
@ 20 kPa			3.15
Drainage Core		-	High Density Polyethylene (HDPE)
Thickness @ 2 kPa	EN ISO 9863-1	mm	13.0 [±10%]
Compressive Strength	ASTM D1621	kPa	>150
Sheet Thickness	-	mm	0.50
Air gap between dimples	-	l/m²	7.90
Hydraulic Properties		-	-
In Plane Water Flow i=1.0	EN ISO12958	l/m.s	-
@ 20 kPa			5.50
@ 100 kPa			5.00
@ 200 kPa			4.50
Geotextile		-	-
Thickness @ 2 kPa	EN ISO 9863-1	mm	1.00 [±10%]
Mass per Unit Area	EN ISO 9864	g/m²	145 [±10]
Tensile Strength MD/CD	EN ISO 10319	kN/m	8.00 8.00 [±10%]
CBR Puncture Resistance	EN ISO 12236	N	1500 [-150]
Dynamic Perforation Cone Drop	EN ISO 13433	mm	32 [+8]
Water permeability	EN ISO 11058	l/m²/sec	70.0 [±20%]
Apparent Opening Size	ASTM D4751	Micron	180 [±20%]
Product Dimensions		-	-
Roll Width		Mtr.	2.30
Roll Length		Mtr.	20.00

Notes

- Reported value are arithmetic mean values unless otherwise stated, A set of test results derived from specimens cut from one sample and taken across full width of the roll.
- The above properties might change at the time of the manufacturing, storing, handling or shipping.
- There may be variation in above values due to various factors when tested at other laboratory.
- For any queries / sale inquiries, email us on sales@indokon.in

Mo: +91 9830466099 | +91 9903021313

E: sales@indokon.in

W.: www.indokon.in