

Lampiran 7 Data Spesifikasi Geotekstil

TECHNICAL SPECIFICATION



Geo – Reinfox

Geo - Reinfox is a local geotextile woven, woven with the DAP (Double Active Pretensioning) system technology and strict quality control. Geo-Reinfox is made of polypropylene silt film with certain reinforcing characteristics to meet the reinforcement function. stabilizer added to the material during the construction period in general. Geo-Reinfox has been tested and proven to be a reliable product. Geo-Reinfox has tensile strength in the range of 38 to 70 kN / m.

Peroperties	Test Method	Units	HRX 250	HRX 300
PHYSICAL				
Raw Material	-	-	Polyporpylane	Polyporpylane
Colour	-	-	Black	Black
MECHANICAL				
Wide Width Tensile Strangeth				
-Machanic Diraction (Warp)	ASTM D 459	Kn/m	36	56
-Cross Machine Diraction (Weft)			33	51
Wirde Width Tensile Elomgation				
-Machanic Diraction (Warp)	ASTM D 4596	%	11	14
-Cross Machine Diraction (Weft)			8	9
Traperoid Tearing Strangth				
-Machanic Diraction (Warp)	ASTM D 4533	N	769	880
-Cross Machine Diraction (Weft)			598	730
Mullen Brust	ASTM D 3786	kN/m ²	3090	6500
CBR Puncture Strength	ASTM D 5241	N	5180	6500
Index Puncuture Resistance	ASTM D 4833	N	766	870
HYDRAULIC				
Apparex Opening Size	ASTM D 4751	Mm	0.28	0.346
Permeability	ASTM D 4491	Sec	0.03	0.64
Parmivity	ASTM D 4491	Sec	0.42	0.48
Flow Rate	ASTM D 4491	kN/m ²	1050	1200
ENVIRONMENTAL				
Effect of Soil Alklineity	-	-	Nil	Nil
Effect of Soil Acidity	-	-	Nil	Nil
Effect of Bacteria	-	-	Nil	Nil
Effect of UV Light	-	-	Stabilized	Stabilized
DIMENSION				
Roll Width	-	M	3.65 or 4.00	3.85 or 4.00
Roll Length	-	m	150	150

Gambar L-7.1 Data *Technical Specification Geotextile Woven HRX 300*