


Lampiran 3 Data Geotekstil

TECHNICAL SPECIFICATION




Geo-Reinfox

Geo-Reinfox is local woven geotextile product, made of polypropylene slit film with a certain strength characteristic to suffice the reinforcement purposes, while stabilizing agent added to its raw materials blend makes it resistance to the UV ray under normal construction period of time.

Properties	Test Method	Units	HRX 250	HRX 300
PHYSICAL				
Raw Material	-	-	Polypropylene	Polypropylene
Colour	-	-	Black	Black
MECHANICAL				
Wide Width Tensile Strength				
- Machine Direction (Warp)	ASTM D 4595	kN/m	38	55
- Cross Machine Direction (Weft)			33	51
Wide Width Tensile Elongation				
- Machine Direction (Warp)	ASTM D 4595	%	11	14
- Cross Machine Direction (Weft)			8	9
Trapezoid Tearing Strength				
- Machine Direction (Warp)	ASTM D 4533	N	760	880
- Cross Machine Direction (Weft)			590	730
Mullen Burst	ASTM D 3786	kN/m ²	4990	6500
CBR Puncture Strength	ASTM D 6241	N	5180	6500
Index Puncture Resistance	ASTM D 4833	N	700	870
HYDRAULIC				
Apparent Opening Size	ASTM D 4751	mm	0.28	0.348
Permeability	ASTM D 4491	cm/sec	0.03	0.04
Permittivity	ASTM D 4491	sec	0.42	0.48
Flow Rate	ASTM D 4491	l/m ² /min	1050	1200
ENVIRONMENTAL				
Effect of Soil Alkalinity	-	-	Nil	Nil
Effect of Soil Acidity	-	-	Nil	Nil
Effect of Bacteria	-	-	Nil	Nil
Effect of UV Light	-	-	Stabilized	Stabilized
DIMENSION				
Roll Width	-	m	3.85 or 4.00	3.85 or 4.00
Roll Length	-	m	150	150

The information on this Technical Specification is intended as a guide only. It is not intended to be used as a basis for design or construction. The user should consult the manufacturer for further information. The manufacturer is not responsible for any damage or loss resulting from the use of this information.



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We Reinforce Your Reputation.

Gambar L-3.1 Spesifikasi Geotekstil Woven HRX 300