



HDPE Black Textured Geomembrane Sheet Two Sides (1.5 mm)

Property	Test method	Unit	Results	
Average Thickness	2S%	µm	1500	
Thickness Tolerance		%	+/- 10	
Density	ASTM D1505	g/cm ³	≥ 0.940	
Tensile strength at break MD	ASTM D6693	MPa	16	
Tensile strength at break TD		MPa	16	
Tensile strength at yield MD		MPa	14	
Tensile strength at yield TD		MPa	13	
Elongation at break MD		%	60	
Elongation at break TD		%	60	
Elongation at yield MD		%	6	
Elongation at yield TD		%	6	
Tear Resistance		ASTM D1004	N	125
Puncture Resistance		ASTM D4833	N	235
Melt Flow Index @190C/2.16Kg	ASTM D1238	g/10 min.	< 1.0	
Carbon Black Content	ASTM D4218	%	2.0-3.0	
Oxidation Induction Time	ASTM D3895	min.	100	
Water Absorption wt.	ASTM D570	%	< 0.1	
Dimensional Stability	ASTM D1204	%	± 2	
Roll Dimension-width	----	m	6	
Roll Dimension - Length	----	m	100	

NOTICE:

The above analysis was performed in our labs and was based on reliable and standard laboratory testing procedures. The information contained herein is to be used only as a guide for using our film. Users of this film should make independent assessment of its suitability and applicability to their end use.

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Properties values mentioned in this document are valid for 6 months from the date of production and should be used prior to this time.