

Gridline 750 Specification

LDPE Geomembrane.

TEST	UNIT		TEST METHOD
Density	g/m ³	0.929	DIN 53 479 D
Melt flow rate	g/10min	0.9	ASTM D1238
Ultimate Strength at fibre breakdown			
MD	KN/m	13	ISO 1421
CD	KN/m	10	ISO 1421
Elongation at break	%	114	ASTM D638
Elongation at fibre breakdown			
MD	%	21.5	ISO 1421
CD	%	15	ISO 1421
Volatile loss	%	<0.05	ASTM D1203 (Method A)
Water absorption	%	0.75	ASTM D570
CO efficient of linear expansion	mm.m ^{-1.0} C ⁻¹	0.29	
Hydrostatic resistance	Psi	180	ASTM D751(Method A, Proc 1)
Impact resistance		No Break	ASTM D256 (Method B)
Puncture resistance	N	294	FTMS 101B (Method 2031)
Thickness		0.75mm	
Weight	Kg/m ²	0.78	

1st June 2011