



1. Description

Textured geomembranes are produced from high density polyethylene (HDPE) resins resulting in a high quality premium grade geomembrane with either single or double textured surface, has been formulated to be chemical resistant, free of leachable additives and resistant to ultraviolet degradation.

2. Specification

Properties	Test Method	Unit	HDTT100
Thickness	ASTM D5994	mm	1.00
Density	ASTM D1505	g/cc	0.94
Tensile strength at break	ASTM D6693	kN/m	13
Tensile strength at yield	ASTM D6693	kN/m	18
Elongation at break	ASTM D6693	%	150
Elongation at yield	ASTM D6693	%	12
Tear resistance	ASTM D1004	N	158
Puncture resistance	ASTM D4833	N	400
Stress crack resistance	ASTM D5397	hours	400
Carbon black content	ASTM D1603	%	2-3
Oxidative Induction Time (OIT)			
Standard OIT	ASTM D3895	minutes	100
UV resistance, OIT retained after 1600 hrs	ASTM D5885	%	50
Roll width	-	m	8
Roll length	-	m	100
Roll area	-	m	800

The information contained herein is, to the best of our knowledge, accurate in all material respects