

High Density Polyethylene Geomembrane

Standard Thickness: 2.0 mm

Dimensions

Properties	Test Method	Unit	Minimum Average Value
Thickness	ASTM D5199	mm	2.0
Width	Measuring Tape	m	8
Roll Length	Measuring Tape	m	105

The thickness, width and length values may be changed due to project specifications

HDPE Geomembrane Properties

Properties	Test Method	Unit	Minimum Average Value
Density	ASTM D792	g/cm ³	≥ 0.94
Thermal Stability, OIT	ASTM D3895 (200°C)	min	≥ 100
Melt Flow Index	ASTM D1238 (load 2.16kg)	g/10min	≤ 1.0
Carbon Black Content	ASTM D4218	%	2.0 -3.0
Tensile Strength at Break	ASTM D638	kN/m	57
Tensile Elongation at Break	ASTM D638	%	700
Tear Resistance	ASTM D1004	N	250
Puncture Resistance	ASTM D4833	N	705

These product specifications meet or exceed GRI Test Method GM13, Geosynthetic Institute with ASTM methods

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by HITEX as to the effects of such use or the results to be obtained, nor does HITEX assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.