

Test Method		Units	Testing
Thickness	ASTM D5199	mils.	min 80.0
Resin Density	ASTM D1505	g/cc	< 0.926
Melt Index	ASTM D1238	g/10 min	1
Sheet Density	ASTM D1505	g/cc	≤0.939
Carbon Black Content	ASTM D4218	%	2.0 - 3.0
Carbon Black Dispersion	ASTM D5596	Category	Cat 1 & Cat. 2
OIT Standard	ASTM D3895	min	100
Strength at break	ASTM D6693	ppi	320
Elongation at Break	ASTM D6693	%	800
2% Modulus (9max)	ASTM D5323	ppi	4,800
Tear Resistance	ASTM D1004	lbf	45
Puncture Resistance	ASTM D4833	lbf	123
Dimensional Resistance	ASTM D1204	%	± 2
Multi-Axial Tensile	ASTM D5617	%	30
STD OIT	ASTM D3895	%	35
HP OIT	ASTM D5885	%	60
UV Resistance - After 1600 hrs	GRI - GM 11 ASTM D5885	%	35

LLD geomembranes are linear low density polyethylene liners with the ability to withstand puncture and UV rays. Tear resistance gives LLD an added degree of protection in the field, making this product a viable solution for many projects.

LLD is heat welded by a trained technician. At WPL Fab we test each panel, accordion fold then roll onto a core, package with a protective layer and apply directions on the outside of the roll for ease of deployment.

Applications

Storm Water Collection, Secondary Containments, Containment Ponds

The ATLAS logo is displayed in a large, bold, sans-serif font. It is overlaid on a stylized, dark blue and black globe that shows the outlines of continents. The globe is positioned at the bottom of the page, behind the ATLAS logo and the contact information.

15847 Kimberlee St.
Houston, TX 77049
WPL-Fab.com