

Test Method			Units	Thickness
Thickness	ASTM D5199		mils.	min 20.0
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	76
Elongation at Break	ASTM D6693		%	700
2% Modulus (max)	ASTM D5323		ppi	1,200
Tear Resistance	ASTM D1004		lbf	11
Puncture Resistance	ASTM D4833		lbf	28
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

ATLAS

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