



GEOFlex LLDPE Geomembrane

Minimum Properties for Standard Smooth LLDPE Geomembranes

Property	Test Method	Test Value
Thickness, mil (mm)	ASTM D 5199	
Nominal		20(0.51)
Lowest Individual Reading		18 (0.45)
Density, g/cm^3	ASTM D 1505	0.92
Carbon Black Content, %	ASTM D 1603, modified	2.0
Carbon Black Dispersion	ASTM D 5596	Note 1
<i>Tensile Properties:</i>	ASTM D 638	
<i>(each direction)</i>	Type IV, 2 ipm	
Strength at Break, lb/in (kN/m)		76 (13)
Elongation at Break, %	(2~0" gauge length)	800
Tear Resistance, lb (N)	ASTM D 1004	11(50)
Puncture Resistance, lb (N)	ASTM D 4833	28 (120)
Oxidative Induction Time, mm.	ASTM D 3895	100

1 Dispersion only applies to near spherical agglomerates. 9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.