

Linear low density polyethylene (LLDPE) Double-Side Textured Geomembrane

Properties	Unit	Test Method	Min Average Values					
			0.5	0.75	1.00	1.50	2.00	2.50
Thickness (min. ave.)	mm	D5994	0.5	0.75	1.00	1.50	2.00	2.50
Density	g/cm ³	D 792	≤ 0.94	≤ 0.94	≤ 0.94	≤ 0.94	≤ 0.94	≤ 0.94
Tensile Properties - yield strength - break elongation	N/mm %	D 6693		14 560	19 560	28 560	37 560	47 560
Tear Resistance (min. ave.)	N	D 1004	50	70	100	150	200	250
Puncture Resistance	N	D 4833	120	190	250	370	500	620
Carbon Black Content	%	D 4218	2-3	2-3	2-3	2-3	2-3	2-3
Carbon Black Dispersion	Category	D 5596	in 10 different views: 9 in Categories 1 or 2 and 1 in Category 3					
Oxidative Induction Time	minutes	D 3895	100	100	100	100	100	100
UV Resistance - HP-OIT retained after 1,600 hours	%	D 7238 D 5885	35	35	35	35	35	35

Notes:

- UV Resistance is based on percent retained value regardless of the original High Pressure – OIT value.
- Roll widths and lengths have a tolerance of ±1%

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