

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

Properties	Unit	Test Method	Min Average Values					
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	N/mm	D 6693						
- yield strength	%			14	19	28	37	47
- break elongation				560	560	560	560	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	%	D 7238	35	35	35	35	35	35
- HP-OIT retained after 1,600 hours		D 5885						

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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