

Linear low density polyethylene (LLDPE) Double-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							
- yield strength	%	D 6693		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								
- 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%

As technology progress, Shanghai Yingfan reserves the right to modify without warning the composition and conditions of use of its materials, and subsequently their price.

The data published may be changed at any time without notice. No warranty or liability is expressed or implied.