



**TITAN 420T SERIES**

**GEOMEMBRANE HDPE TEXTURED DS  
LINER**

**(20 mil HDPE Textured Double Sided)**

PROPERTY	TEST PROCEDURE	VALUE (metric)
Thickness (min avg.) Lowest individual for 8 out of 10 values Lowest individual for 10 out of 10 values	ASTM D-5994	0.475 mm (20 mil) 0.45mm 0.425
Asperity Height (min. avg) (3)	GRI-GM-12	0.25 mm
Resin Density	ASTM D-1505	>0.932g/cc
Melt Index-190/2.16 (max.)	ASTM D-1238	1.0 g/10min.
Sheet Density	ASTM D-1505	>0.94 g/cc
Carbon Black Content	ASTM D-4218	>2.0% / <3.0%
Carbon Black Dispersion	ASTM D-5596	Category 1 / 2
Oxidation Induction Time (min. avg)	ASTM D-3895	100 min.
Tensile Properties (min. avg) (2) Strength at Yield Elongation at Yield Strength at Break Elongation at Break	ASTMD-6693	8.7 kN/m 10% 10.5 kN/m 100%
Tear Resistance (min.avg)	ASTM D-1004	71 N
Puncture Resistance (min. avg)	ASTM D-4833	245 N
Oven Aging-%retained after 90 days	ASTM D-5721	
HP-OIT (min.avg)	ASTM D-5885	80%
UV Resistance-% retained after 1600 hr	GRI-GM-11	
HP-OIT (min. avg.)	ASTM D-5885	50%

SUPPLY SPECIFICATIONS	UNIT
Roll Dimensions – Width	6.80 m (22.5 ft)
Roll Dimensions – Length	426.7 m (1400 ft)
Area (Surface/Roll)	2902 m <sup>2</sup> (31,237 ft <sup>2</sup> )

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