

# LLDPE GEOMEMBRANE SMOOTH



SKAPS LLDPE Geomembranes are manufactured utilizing the highest quality standards to provide the greatest durability in geomembrane applications. The geomembrane is formulated to meet the requirements of GRI GM17 specifications.



PROPERTY	TEST METHOD	FREQUENCY	VALUE				QUALIFIER
Thickness (minimum avg), mm	ASTM D 5199	Per Roll	0.750	1.00	1.50	2.00	MAV <sup>(1)</sup>
Thickness (minimum), mm			0.675	0.90	1.35	1.80	MIN
Density, g/cc	ASTM D 1505	90,000 Kg	0.939	0.939	0.939	0.939	MAX
Tensile Properties (both directions)	ASTM D 6693 Type IV Specimen, 50.8 mm/min	9,000 Kg	20	27	40	53	MAV
Strength at Break, kN/m width							
Elongation at Break, % (50 mm GL)							
Tear Resistance, N	ASTM D 1004	20,000 Kg	70	100	150	200	MAV
Puncture Resistance, N	ASTM D 4833	20,000 Kg	190	250	370	500	MAV
Carbon Black Content, %	ASTM D 4218	9,000 Kg	2-3				Range
Carbon Black Dispersion (Category)	ASTM D 5596	20,000 Kg	Note (2)				Category
Oxidative Induction Time, minutes	ASTM D 3895 200°C, 1 atm O <sub>2</sub>	90,000 Kg	100				MIN
ROLL DIMENSIONS							
Roll Length, m			335.28	252.98	167.64	128.01	NOM
Roll Width, m			7.16	7.16	7.16	7.16	
Roll Area, sm			2,400.60	1,811.34	1,200.30	916.55	

**Notes:**

- (1) Minimum average value.
- (2) Carbon black dispersion (only near spherical agglomerates) for 10 different views: 9 in Categories 1 or 2 and 1 in Category 3

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