

LLDPE GEOMEMBRANE

Smooth



SKAPS INDUSTRIES

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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), mil	ASTM D 5199	Per Roll	30	40	60	80	MAV ⁽¹⁾
Thickness (minimum), mil			27	36	54	72	MIN
Density, g/cc	ASTM D 1505	200,000 lb	0.939	0.939	0.939	0.939	MAX
Tensile Properties (both directions)	ASTM D6693 Type IV Specimen, 2 in/min	20,000 lb					
Strength at Break, lb/in width			114	152	228	304	MAV
Elongation at Break, % (2 in. GL)			800	800	800	800	MAV
Tear Resistance, lb	ASTM D 1004	45,000 lb	16	22	33	44	MAV
Puncture Resistance, lb	ASTM D 4833	45,000 lb	42	56	84	112	MAV
Carbon Black Content, %	ASTM D 4218	20,000 lb	2-3				Range
Carbon Black Dispersion (Category)	ASTM D 5596	45,000 lb	Note (2)				Category
Oxidative Induction Time, minutes	ASTM D 3895 200°C, 1 atm O ₂	200,000 lb	100				MIN
ROLL DIMENSIONS							
Roll Length, ft			1,075	815	540	410	NOM
Roll Width, ft			24.0	24.0	24.0	24.0	
Roll Area, sf			25,800	19,560	12,960	9,840	

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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