

Megaplast Smooth Geomembrane

Megaplast High Density Polyethylene (HDPE) Geomembrane is manufactured with the highest quality resin specifically formulated and used in applications that require excellent chemical resistance and endurance properties.



AT THE CORE:

An HDPE geomembrane suitable for applications that require excellent chemical resistance and endurance properties

MEGAGOLD NOM 50

Technical Data Sheet

Sr. No.	Properties	Test Method (ASTM)	Unit (English)	Testing Frequency	MEGAGOLD NOM 50
1.	Thickness - Nominal Avg. -08%	D 5199	mils	Every roll	20
2.	Density (Min. Ave)	D 792	g/cc	Every 2,00,000 lb	0.940
3.	Tensile Properties (min. ave) ^(Note 3)	D 6693 Type IV			
	▶ Break Strength	Dumbell, 2ipm	lb/in	Every 5th roll	80
	▶ Yield Strength		lb/in		45
	▶ Break Elongation	G.L. 50mm	%		600
	▶ Yield Elongation	G.L. 33mm	%		10
4.	Tear Resistance (min. ave)	D 1004	lb	Every 10th roll	18
5.	Puncture Resistance (min. ave)	D 4833	lb	Every 10th roll	45
6.	Carbon Black Content (Range)	D 4218 / D 1603	%	Every 5th roll	2.0 - 3.0
7.	Carbon Black Dispersion	D 5596	category	Every 10th roll	Note 1

Rev-new date: 04-01-2022	Typical Roll Dimension ^(Note 2)	
	Roll Width, ft	23.5
	Roll Length, ft	1680
	Roll Area, Sq. ft	39480

Note 1 : Dispersion only applies to near spherical agglomerates 9 to 10 views shall be category 1 or 2. No more than 1 view from category 3.

Note 2 : Roll length & widths have a tolerance of +/- 1%.

Note 3 : Machine direction (MD) & Cross direction (XMD) average values should be on the basis of 5 specimens each direction.

Megaplast USA Inc.