

Megaplast Smooth Geomembrane

MEGAGOLD NOMINAL - LLDPE is a smooth linear low density polyethylene (LLDPE) geomembrane manufactured with the highest quality resin specifically formulated for flexible geomembrane. This product is used in applications that require increased flexibility and elongation properties.



AT THE CORE:

An LLDPE

Geomembrane suitable for applications that require increased flexibility and elongation properties.

MEGAGOLD NOMINAL 100

Technical Data Sheet

Sr. No.	Properties	Test Method (ASTM)	Unit (English)	Testing Frequency	MEGA-GOLD NOMINAL LLDPE 100
1.	Thickness - Nominal Avg. -8%	D 5199	mils	Every roll	40
2.	Density (Max.)	D 792		Every 2,00,000 lb	0.939
3.	Tensile Properties (min. ave) ^(Note 4)	D 6693 Type IV			
	► Break Strength	Dumbell, 2ipm	lb/in	Every 5th roll	100
	► Break Elongation	G.L. 50mm	%		> 600
	2% Modulus (Max)	D 5323	lb	Per formulation	2000
4.	Tear Resistance (min. ave)	D 1004	lb	Every 10th roll	20
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	840
	Roll Area, Sq. ft	19740

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 : All geomembrane have dimensional stability of +/- 2% when tested according to ASTM D 1204.

Note 4 : Machine direction (MD) & Cross direction (XMD) average values should be on the basis of 5 specimens each direction.

Megaplast USA Inc.