

# 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 75

### Technical Data Sheet

Sr. No.	Properties	Test Method (ASTM)	Unit (English)	Testing Frequency	MEGAGOLD NOM 75
1.	Thickness - (Nominal Avg. -08%)	D 5199	mils	Every roll	30
2.	Density (Min. Ave)	D 792	g/cc	Every 2,00,000 lb	0.940
3.	Tensile Properties (min. ave) <sup>(Note 3)</sup>	D 6693 Type IV			
	▶ Break Strength	Dumbell, 2ipm	lb/in	Every 5th roll	100
	▶ Yield Strength		lb/in		55
	▶ 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 <sup>(Note 2)</sup>	
	Roll Width, ft	23.5
	Roll Length, ft	1100
	Roll Area, Sq. ft	25850

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.