

Megaplast Textured Geomembrane (Single - Sided)

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 TEXTURED S 100

Technical Data Sheet

Sr. No.	Properties	Test Method (ASTM)	Unit (English)	Testing Frequency	MEGAGOLD NOM TEXTURED S 100
1.	Thickness - (Nominal Avg. -8%) Lowest Individual reading of 10 values ^(Note 5)	D 5994	mils	Every roll	40
					28.80
2.	Density	D 792	g/cc	Every 2,00,000 lb	≥ 0.940
3.	Tensile Properties (ave) ^(Note 4)	D 6693 Type IV Dumbell, 2ipm	Lbs/in	Every 5th roll	60
	▶ Break Strength				62
	▶ Yield Strength				150
	▶ Break Elongation				9
	▶ Yield Elongation	G.L. 50mm	%		
		G.L. 33mm	%		
4.	Tear Resistance (ave)	D 1004	Lbs	Every 10th roll	20
5.	Puncture Resistance (min. ave)	D 4833	Lbs	Every 10th roll	50
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
8.	Asperity Height (ave)	D 7466	mils	Every 2nd roll	Note 2

Rev- date: 04-01-2022	Typical Roll Dimension ^(Note 3)	
	Roll Width, ft	23.5
	Roll Length, ft	750
	Roll Area, Sq. ft	17625

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 : 0.30 mm (12 mils) average.

Note 3 : Roll length & widths have a tolerance of +/- 1%.

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

Note 5 : Lowest individual core thickness reading is -20% of the nominal thickness.

(b) lowest thickness for any of the 10 values is -20% of the nominal value.

Megaplast USA Inc.