

Extruded high density polyethylene film with white colorant

General Information

High density polyethylene film with 70% titanium dioxide white colorant. Available from 2-25 mil.

Physical Properties

White pigment (TiO ₂)	70	%	
Apparent Density	2.04	g/cm ³	ASTM - D1505
Gloss (60°)	5.1	GU	ASTM - D2457
Durometer Hardness - Type A (Shore A)	2.5	-	ASTM - D2240
Durometer Hardness - Type D (Shore D)	8.5	-	ASTM - D2240

Mechanical Properties

Tensile Strength at Break (MD/TD)	2865/2650	psi	ASTM - D882
Elongation at Break (MD/TD)	385/520	%	ASTM - D882

Thermal Properties

Melting Temperature	136	°C	ISO - 3146
Peak Crystallization Temperature	116	°C	ASTM - D3418
Melt Mass-Flow Rate (MFR) (190° C/2.16kg)	13-23	g/10 min	ASTM - D1238

Shelf Life

2 years

Technical Information Notes

DMF III Compliant
DMF no. 15295

Original Issue Date- 2/26/2020

Approval Date- 8/24/2020

Revision- A

Listed Values:

The above values are typical property values not to be construed as specification limits.

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