

Lotte Chemical Titan TITANZEX[®] HI1100 High density polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

HI1100 is a non UV stabilised high density polyethylene for injection molding. HI1100 meets the U.S. Food and Drug Administration (FDA) criteria for food contact use as specified in 21 CFR 177.1520 (c) 2.1 & (c) 2.2 Applications: Large sized heavy duty articles Pallets Crates Industrial pails Dustbins Advantages: Non UV stabilized Excellent stiffness Information provided by Titan Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lotte-Chemical-Titan-TITANZEX-HI1100-High-density-polyethylene.php

Physical Properties	Metric	English	Comments
Base Resin Density	0.961 g/cc	0.0347 lb/in ³	ASTM D1505
Base Resin Melt Index	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength at Break	16.7 MPa	2420 psi	ASTM D638
Tensile Strength, Yield	31.4 MPa	4550 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Stiffness	980.7 MPa	142200 psi	Olsen; ASTM D747
Izod Impact, Notched	0.490 J/cm	0.918 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	resin; ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China