

Lotte Chemical Titan TITANLENE[®] LDI300YY Low density polyethylene resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

LDI300YY is a low density polyethylene resin for injection molding and is a barefoot grade. LDI300YY 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: Medium sized moldings
Cosmetic containers Bottle closures Food containers Additives: Barefoot Advantages: High stiffness Good toughness Excellent gloss Information provided by Titan Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lotte-Chemical-Titan-TITANLENE-LDI300YY-Low-density-polyethylene-resin.php

Physical Properties	Metric	English	Comments
Base Resin Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Base Resin Melt Index	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	9.81 MPa	1420 psi	ASTM D638
Tensile Strength, Yield	11.8 MPa	1710 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638
1% Secant Modulus	186.32 MPa	27024 psi	ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	87.0 Å°C	189 Å°F	resin; ASTM D1525
Brittleness Temperature	-35.0 Å°C	-31.0 Å°F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 240 Å°C	320 - 464 Å°F	
Mold Temperature	15.0 - 50.0 Å°C	59.0 - 122 Å°F	

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