

Lotte Chemical Titan TITANCEED® mL1061 Linear low density polyethylene resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

Material Notes:

Titanceed® mL1061 is a pelleted metallocene linear low density polyethylene resin formulated with antioxidant, antiblock and slip agent. Films made from Titanceed® mL1061 have outstanding tensile, impact and puncture strength. The superior strength properties along with excellent draw ability allow down gauging in bag applications. Applications: Trash bags, liners and general packaging. Advantages: Superior strength and excellent draw ability. Information provided by Titan Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lotte-Chemical-Titan-TITANCEED-mL1061-Linear-low-density-polyethylene-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Base Resin Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	25.0 microns	0.984 mil	extruded at 2.5:1 BUR
Base Resin Melt Index	1.0 g/10 min	1.0 g/10 min	I₂; ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	500 %	500 %	ASTM D882
Elmendorf Tear Strength, MD	13.0 g/micron	330 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	15.0 g/micron	381 g/mil	ASTM D1922
Dart Drop	22.0 g/micron	559 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	53.9 MPa	7820 psi	ASTM D882
Film Tensile Strength at Break, TD	34.3 MPa	4970 psi	ASTM D882
1% Secant Modulus, MD	147.10 MPa	21335 psi	ASTM D882
1% Secant Modulus, TD	156.90 MPa	22757 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	17 %	17 %	ASTM D1003
Gloss	38 %	38 %	45°; ASTM D2457

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	180 - 200 °C Metric	356 - 392 °F English	Comments
Blow-up Ratio (BUR)	2.0 - 3.0	2.0 - 3.0	

Contact Songhan Plastic Technology Co.,Ltd.

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