

## Lotte Chemical Titan TITANEX® LF0754 Linear low density polyethylene Hexene-1 resin (discontinued \*\*)

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

### Material Notes:

LF0754 is a pelleted linear low density polyethylene Hexene-1 resin formulated with antioxidant agent. This product is used for blown film extrusion which offers outstanding toughness, extrudability and draw down ability. Applications: Heavy duty shipping sacks, rice bags, ice bags, produce bags, stretch film, courier bags, multilayer film. Advantages: Excellent puncture strength, impact strength and tear strength. Information provided by Titan Chemicals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lotte-Chemical-Titan-TITANEX-LF0754-Linear-low-density-polyethylene-Hexene-1-resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Lotte-Chemical-Titan-TITANEX-LF0754-Linear-low-density-polyethylene-Hexene-1-resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Base Resin Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Thickness	50.0 microns	1.97 mil	extruded at 2:1 BUR
Base Resin Melt Index	0.70 g/10 min	0.70 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elmendorf Tear Strength, MD	18.0 g/micron	457 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	29.0 g/micron	737 g/mil	ASTM D1922
Dart Drop	9.00 g/micron	229 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	39.2 MPa	5690 psi	ASTM D882
Film Tensile Strength at Break, TD	29.4 MPa	4260 psi	ASTM D882
1% Secant Modulus, MD	196.14 MPa	28447 psi	ASTM D882
1% Secant Modulus, TD	245.16 MPa	35558 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	ASTM D1003
Gloss	30 %	30 %	45°; ASTM D2457

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	180 - 210 °C Metric	356 - 410 °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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