

Chevron Phillips MarFlex® 7235 LLDPE Cast Film Resin

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

Material Notes:

Resin Type: Hexene Copolymer
 Characteristics: Good Optics
 Good drawdown
 Excellent processability
 Can use straight or in blends with LDPE or HDPE
 Applications: Bakery films
 Overwrap
 Coextrusions
 Information provided by Chevron Phillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-7235-LLDPE-Cast-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.9235 g/cc	0.03336 lb/in ³	ASTM D1505
Thickness	31.8 microns	1.25 mil	
Melt Index of Compound	3.5 g/10 min	3.5 g/10 min	ASTM D1238E

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elongation at Break	700 %	700 %	TD; ASTM D882
Secant Modulus, MD	0.200 GPa	29.0 ksi	ASTM D882
Secant Modulus, TD	0.214 GPa	31.0 ksi	ASTM D882
Coefficient of Friction	1.0	1.0	ASTM D1894
Elmendorf Tear Strength, MD	5.91 g/micron	150 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	17.7 g/micron	450 g/mil	ASTM D1922
Dart Drop	2.20 g/micron	56.0 g/mil	1.5" Dart, 26" Drop Height; ASTM D1709
Film Tensile Strength at Break, MD	34.5 MPa	5000 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	ASTM D1003
Gloss	90 %	90 %	45°; ASTM D2457
	140 %	140 %	60°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	260 °C	500 °F	
Die Opening	0.1016 cm	0.04000 in	
Extruder Size	6.35 cm	2.50 in	

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