

Chevron Phillips 5036 LDPE High Clarity, Impact Film Resin (discontinued **)

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

Material Notes:

Resin Type: Homopolymer; for General Purpose Packaging Characteristics: Excellent Clarity, Good Impact Strength, High Slip, No Antiblock,

Low Coefficient of Friction, Excellent Processability Applications: Frozen Food Packaging, Heavy Produce Bags, Dry Goods

Packaging Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.0762 cm. Film properties below based on film thickness of 31.8 µm. Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-5036-LDPE-High-Clarity-Impact-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Melt Flow	0.80 g/10 min	0.80 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.160 GPa	23.2 ksi	ASTM D882
Secant Modulus, TD	0.190 GPa	27.6 ksi	ASTM D882
Coefficient of Friction	0.10	0.10	ASTM D1894
Dart Drop	1.30 g/micron	33.0 g/mil	F _{<sub>50</sub>} ; 1.5 in. dart/26 in. drop height; ASTM D 1709
Film Tensile Strength at Break, MD	32.0 MPa	4640 psi	ASTM D882
Film Tensile Strength at Break, TD	21.0 MPa	3050 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.5 %	2.5 %	ASTM D2457
Gloss	80 %	80 %	at 45°. ASTM D 2457
	125 %	125 %	at 60°. ASTM D 2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	204 °C	399 °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