

Chevron Phillips 5754 LDPE High Clarity, High Impact Film Resin for General Purpose Packaging

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

Material Notes:

Resin Type: Homopolymer
Characteristics: Excellent Impact Strength, High Clarity, Medium Slip, Medium Antiblock, Low Coefficient of Friction, Good Openability
Applications: Heavy Produce Bags, Frozen Foods Packaging, Dry Goods Packaging
Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.0762 cm. Blow-Up Ratio 2:1. 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-5754-LDPE-High-Clarity-High-Impact-Film-Resin-for-General-Purpose-Packaging.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 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	0.190 GPa	27.6 ksi	ASTM D882
Secant Modulus, TD	0.220 GPa	31.9 ksi	ASTM D882
Coefficient of Friction	0.10	0.10	ASTM D1894
Dart Drop	3.10 g/micron	78.7 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D2457
Gloss	70 %	70 %	at 45°. ASTM D 2457
	110 %	110 %	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