

Chevron Phillips 5658 LDPE Shrink and Bundling Film Resin (discontinued **)

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

Material Notes:

Resin Type: Homopolymer
 Characteristics: Good Impact Strength, Good Abrasion and Tear Resistance, Good Sealing Properties, No Slip, Medium Antiblock, Easy Openability
 Applications: Shrink Wrap, Bundling Applications
 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-5658-LDPE-Shrink-and-Bundling-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 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	0.170 GPa	24.7 ksi	ASTM D882
Secant Modulus, TD	0.180 GPa	26.1 ksi	ASTM D882
Coefficient of Friction	>= 1.0	>= 1.0	ASTM D1894
Dart Drop	6.30 g/micron	160 g/mil	F₅₀; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	8.5 %	8.5 %	ASTM D2457
Gloss	50 %	50 %	at 45°. ASTM D 2457
	80 %	80 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
Melt Temperature	210 °C	410 °F	

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