

Chevron Phillips 5625 LDPE Case 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: Superior Impact Strength, Good Abrasion and Tear Resistance, Good Sealing Properties, No Slip, High Antiblock, Easy Openability, Medium Coefficient of Friction
 Applications: Case Shrink Wrap, C&A Film and Container Liners, Bundling
 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-5625-LDPE-Case-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	0.65 g/10 min	0.65 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	0.50	0.50	ASTM D1894
Dart Drop	4.40 g/micron	112 g/mil	F _{>50} ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	8.5 %	8.5 %	ASTM D2457
Gloss	54 %	54 %	at 45°. ASTM D 2457
	85 %	85 %	at 60°. ASTM D 2457

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

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