

Chevron Phillips MarFlex® 1013 LDPE Extrusion Coating Resin

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

Material Notes:

Resin Type: High Speed Resin Characteristics: Excellent Processability, High Temperature Extrusion Stability, Good Draw Down

Resin Applications: Food Packaging, Laminations Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-1013-LDPE-Extrusion-Coating-Resin.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	ASTM D1505-60T
Moisture Vapor Transmission	0.550 cc-mm/m ² -24hr-atm	1.40 cc-mil/100 in ² -24hr-atm	at 14.2 lbs/ream coating (1.0 mil); ASTM E96-53T
Melt Flow	13 g/10 min	13 g/10 min	ASTM D1238-57T

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.30 MPa	1350 psi	ASTM D638-61T
Tensile Strength, Yield	7.60 MPa	1100 psi	ASTM D638-61T
Elongation at Break	650 %	650 %	ASTM D638-61T

Thermal Properties	Metric	English	Comments
Vicat Softening Point	128 °C	262 °F	ASTM D1525

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