

ExxonMobil Hicor® 30 HT 103 OHD Film

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

Material Notes:

One-side treated, non-sealable, oriented high density polyethylene film, which has outstanding stiffness, deadfold, and directional tear characteristics. This film has been designed to be used in various applications, such as twistwrap and laminated to other ExxonMobil Chemical OPP films, providing a new generation of laminates. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Hicor-30-HT-103-OHD-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	7.00 g/m ² /day	0.451 g/100 in ² /day	38°C, 90% RH; 518
Thickness	30.0 microns	1.18 mil	
Coating Weight	>= 27.5 g/m ²	>= 17.2 lb/ream	520

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.30	0.30	430
Film Tensile Strength at Break, MD	34.5 MPa	5000 psi	510
Film Tensile Strength at Break, TD	150 MPa	21700 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.7 %	1.7 %	at 225°F; 438
Shrinkage, TD	5.0 %	5.0 %	at 225°F; 438

Optical Properties	Metric	English	Comments
Haze	4.7 %	4.7 %	444
Gloss	70 %	70 %	442

Descriptive Properties	Value	Comments
Yield, in2/lb	25100	

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