

ExxonMobil Hicor® 90 BIHD-M OHD Film

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

Material Notes:

Metallized, non-sealable, oriented high density polyethylene film. The inside surface has been modified for optimum machine performance in twistwrap applications. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Hicor-90-BIHD-M-OHD-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	0.500 g/m ² /day	0.0322 g/100 in ² /day	38°C, 90% RH; 518
Thickness	22.9 microns	0.900 mil	
Coating Weight	>= 21.6 g/m ²	>= 13.5 lb/ream	520

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	141 MPa	20500 psi	510
Film Tensile Strength at Break, TD	251 MPa	36400 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.9 %	1.9 %	at 225°F; 438
Shrinkage, TD	3.5 %	3.5 %	at 225°F; 438

Optical Properties	Metric	English	Comments
Transmission, Visible	<= 1.0 %	<= 1.0 %	417

Descriptive Properties	Value	Comments
Yield, in2/lb	32000	

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