

ExxonMobil OPPalyte® 40 HM OPP Film

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

White opaque OPP film with a proprietary cavitated core. Designed for cold seal applications and is used as a surface print, monoweb, or as the inside web of a lamination. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-OPPalyte-40-HM-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.20 g/m ² /day	0.270 g/100 in ² /day	38°C, 90% RH; ExxonMobil Method
Thickness	43.2 microns	1.70 mil	ExxonMobil Method
Coating Weight	28.2 g/m ²	17.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	88.942 MPa	12900 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	162.03 MPa	23500 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.0 %	5.0 %	at 275°F; ExxonMobil Method
Shrinkage, TD	5.0 %	5.0 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	65 %	65 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	24 %	24 %	ExxonMobil Method

Descriptive Properties	Value	Comments
Opacity	95%	
Wetting Tension	0.8 receding COS theta	cold seal surface
	0.9 receding COS theta	print surface
Yield	24200 in ² /lb	

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