ExxonMobil Oppalyte[™] 30 HM-3 OPP Film

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

Material Notes:

Product Description: A white opaque OPP film with a proprietary cavitated core. HM-3 is designed for cold seal applications and is used as a surface print, monoweb, or as the inside of lamination. It is non-sealable film. Availability: Latin America, North America and South AmericaKey Features:Excellent stiffness and flex resistance Outstanding opacityBright white appearanceVery good moisture barrierExcellent print performance for flexographic and rotogravure printingThe treated cold seal layer provides exceptional cold seal adhesion, with very good adhesion to synthetic cold sealsThe treated cold seal layer allows for back-side printing with FDA approved inks.Features:Light BarrierMoisture BarrierApplications:BakeryBiscuits/Cookie/CrackersConfectionery, ChocolateConfectionery, GumConfectionery, Sugarlce Cream Uses:HFFS Flexible Packaging Processing Method: Cold Seal Adhesive, Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Printing, Surface Print Unsupported and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Oppalyte-30-HM-3-OPP-Film.php

Physical Properties	Metric English		Comments	
Water Vapor Transmission	5.43 g/m²/day	0.350 g/100 in²/day	90% RH; ExxonMobil Method	
	@Temperature 38.0 °C	@Temperature 100 °F		
Thickness	30.5 microns 1.20 mil		ExxonMobil Method	
Coating Weight	20.0 g/m²	12.5 lb/ream	ExxonMobil Method	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Break, MD	84.8 MPa	12300 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	179 MPa	26000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric English		Comments	
Obrightens MD	5.0 %	5.0 %	Europ Mahil Method	
Shimkaye, MD	@Temperature 135 °C	@Temperature 275 °F	EXXONIMODILMETHOD	
Shrinkage, TD	5.0 %	5.0 %	ExxonMobil Method	
	@Temperature 135 °C	@Temperature 275 °F		

Optical Properties	Metric	English	Comments
Gloss	60 %	60 %	45°, Print Surface; ExxonMobil Method
Transmission, Visible	34 %	34 %	ExxonMobil Method



Optical Properties Descriptive Properties	Metric	English Value	Comments Comments
Opacity	(0.78	
Wetting Tension	(0.80 receding cos theta	
		0.90 receding cos theta	
Yield		35400 in²/lb	

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