ExxonMobil Bicor™ 120 XRG-2 OPP Film

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

Material Notes:

Product Description: Bicor 120 XRG-2 is a one-side sealable OPP film that can be used as the inside web of a lamination where exceptional seal performance is required. The high-energy surface is intended as the print and laminating side.Availability: Latin America, North America and South AmericaKey Features:Low MST, very broad seal range with excellent hot tack.High-energy surface for excellent ink adhesion and bond strengths in adhesive and extrusion laminations.Lap seals to coex sealants without thermal stripe. Features:In Lamination Lap SealableVery Broad Seal RangeApplications:BakeryBiscuits/Cookie/Crackers Crisps and SnacksFrozen FoodIce Cream Uses:HFFS Flexible Packaging VFFS Flexible PackagingProcessing Method: Inner Web Adhesive Lamination, Inner Web Extrusion Lamination, Solvent Flexographic Printing, Solvent Rotogravure 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-Bicor-120-XRG-2-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	30.5 microns	1.20 mil	ExxonMobil Method
Coating Weight	27.0 g/m²	16.9 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	182 %	182 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	46 %	46 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.40	0.40	Untreated Surface; ExxonMobil Method
Film Tensile Strength at Break, MD	131 MPa	19000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	283 MPa	41000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.0 % @Temperature 135 °C	4.0 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	3.0 % @Temperature 135 °C	3.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	3.2 %	3.2 %	ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	82 %	82 %	45°, ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	192°F	Untreated
Crimp Seal Strength	460 g/in	Treated/Treated, 240°F (116°C), 20 psi (0.1 MPa), 0.8 sec
	460 g/in	Untreated/Untreated, 240°F (116°C), 20 psi (0.1 MPa), 0.8 sec
Wetting Tension	0.8 receding cos theta	Treated Surface
Yield	254000 in^2/lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China