ExxonMobil Bicor® 125 BSR-ONE OPP Film

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

Material Notes:

Product Description: Bicor BSR-ONE is a two-side sealable, one side treated, coextruded OPP film designed for unsupported plain or surface print applications, and in laminations on both HFFS and VFFS packaging machines.Availability: Latin America, North America and South AmericaKey Features:Excellent machinablityStable COFExcellent hot tackExcellent hot slipExcellent hot jaw releaseExcellent heat seal strengthWide heat seal range on the untreated side (80°F/45°C)Non-migratory slip system for consistent COFFeatures:In Lamination Lap SealableApplications:BakeryBiscuts/Cookie/CrackersBox OverwrapConfectionery, GumConfectionery, SugarCrips and SnacksFrozen FoodPet FoodUses:Box Overwrap Flexible PackagingHFFS Flexible PackagingPre-made Bags – Flexible PackagingVFFS Flexible PackagingProcessing Method: Inner Web Adhesive Lamination, Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing and Surface Print UnsupportedInformation provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Bicor-125-BSR-ONE-OPP-Film.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.20 g/m²/day	0.270 g/100 in²/day	38°C, 90% RH; ExxonMobil Method
Thickness	33.0 microns	1.30 mil	Nominal; ExxonMobil Method
Coating Weight	28.2 g/m²	17.6 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.34	0.34	Treated; ExxonMobil Method
	0.39	0.39	Untreated; ExxonMobil Method
Film Tensile Strength at Break, MD	124 MPa	18000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	255 MPa	37000 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	4.5 %	4.5 %	at 275°F; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.3 %	2.3 %	ExxonMobil Method
Gloss	85 %	85 %	45°, Treated Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Crimp Seal MST	214°F	untreated
	234°F	treated
Crimp Seal Strength	600 g/in	250°F, 20psi, 3/4sec
Wetting Tension	0.8 receding COS theta	Treated Surface
Yield	24500 in^2/lb	

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