

Honeywell Capran® NyLid™ OMBS-100M Nylon Lidding Film (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Alcohol (EVOH) , Nylon , Nylon 6

Material Notes:

Description: Capran® NyLid™ OMBS-100M is a mono-axially oriented, co-extruded Nylon 6/EVOH/Nylong 6 clear film with a print/lamination receptive coating having excellent gas barrier through a broad range of relative humidity. The film provides high strength, good chemical resistance, and excellent flavor and aroma barrier for food packaging. Applications: Capran® NyLid™ OMBS-100 M is suitable for die cutting, readily accepts printing, accepts heal seal coatings and lacquers, offers excellent puncture resistance, is safe for microwave use, and resists tear propagation. It is ideally suited for lamination, and is FDA compliant for indirect food contact. Information provided by Honeywell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-Capran-NyLid-OMBS-100M-Nylon-Lidding-Film-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.145 g/cc	1.145 g/cc	ASTM D1505
Oxygen Transmission Rate	1.55 cc/m ² /day	0.0998 cc/100 in ² /day	73°F - 65%RH; ASTM D3985
	1.55 cc/m ² /day	0.0998 cc/100 in ² /day	73°F - 0%RH; ASTM D3985
Surface Tension	>= 64 dynes/cm	>= 64 dynes/cm	coated side

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	70 %	70 %	ASTM D882
Film Elongation at Break, TD	375 %	375 %	ASTM D882
Tear Strength Test	1100	1100	graves tear MD, grams/mil; ASTM D1004
	1300	1300	graves tear TD, grams/mil; ASTM D1004
Film Tensile Strength at Break, MD	317 MPa	46000 psi	ASTM D882
Film Tensile Strength at Break, TD	96.5 MPa	14000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Shrinkage, MD	-6.50 %	-6.50 %	350°F - 10 min.; ASTM D1204
Shrinkage, TD	-1.00 %	-1.00 %	350°F - 10 min.; ASTM D1204

Optical Properties	Metric	English	Comments
Haze	<= 6.0 %	<= 6.0 %	ASTM D1003

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