Propafilm™ XLT65

Polypropylene Alloy

Innovia Films Ltd.

Message:

High Speed Overwrapping Film with Shrink Tightening Properties
Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with heat sealable polyolefinic copolymers.
XLT65 is suitable for use in the tobacco industry for both high speed overwrapping of printed packs and display outers where exceptional pack appearance and wrap tightness are required.

General Information			
Features	Broad Seal Range		
	Food Contact Acceptable		
	Low Moisture Vapor Transmission		
	Scratch Resistant		
	Slip		
	Solvent Resistant		
Uses	Bi-axially Oriented Film		
	Packaging		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA 21 CFR 177.1520		
Forms	Film		
Processing Method	Coextrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Molding Shrinkage			Internal Method
Flow : 80°C, 1 min	3.7	%	
Flow : 120°C, 1 min	7.0	%	
Across Flow : 80°C, 1 min	3.5	%	
Across Flow : 120°C, 1 min	11	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Outside/Outside	0.25		
vs. Itself - Static, Outside/Outside	0.35		
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	1700	µm	
Secant Modulus [1]			ASTM D882
1% Secant, MD	3000	MPa	
1% Secant, TD	3600	MPa	
Tensile Strength [2]			ASTM D882

MD : Yield	170	MPa	
TD : Yield	210	MPa	
Tensile Elongation [3]			ASTM D882
MD : Break	120	%	
TD : Break	80	%	
Seal Strength [4]	0.19	N/mm	Internal Method
Seal Initiation Temperature [5]	110 to 141	°C	Internal Method
Oxygen Permeability (23°C, 0% RH)	56	$cm^3 \cdot mm/m^2/atm/24\ hr$	ASTM F1927
Water Vapor Transmission Rate			ASTM F1770
23°C, 85% RH	1.4	$g/m^2/24\ hr$	
38°C, 90% RH	7.6	$g/m^2/24\ hr$	
Blocking Load [6]	5.0	g	Internal Method
Yield	66.6	m^2/kg	Internal Method

Optical	Nominal Value	Unit	Test Method
Gloss (20°)	135		ASTM D2457
Haze [7]	1.2	%	ASTM D1003

NOTE	
1.	10%/min
2.	50%/min
3.	50%/min
4.	228°F; 1sec; $15lb/in^2$
5.	2secs; 15psi
6.	158°F; 200g; 2hrs
7.	Wide angle; 2.5°

Recommended distributors for this material

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