

LOFEX® A321A

Polyethylene Terephthalate

Lotte Chemical Corporation

Message:

LOFEX ® A321A is Polyester film is optically clear and inside corona / outside acryl treated with enhanced adhesion to inks and coatings. So, it can use by tape, label, print film and semiconductor parts. Also, it has excellent properties by tensile strength, proper elongation and the thermal contraction rate.

General Information			
Features	Good Strength		
	High Clarity		
Uses	Film		
	Industrial Applications		
	Labels		
	Tape		
RoHS Compliance	RoHS Compliant		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.30		
vs. Itself - Static	0.35		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,100 μm	196	MPa	
TD : Yield,100 μm	216	MPa	
Tensile Elongation			ASTM D882
MD : Break, 100 μm	170	%	
TD : Break, 100 μm	120	%	
F5			ASTM D882
MD : 100.0 μm	113	MPa	
TD : 100.0 μm	113	MPa	
Heat Shrinkage			Internal Method
MD, 30 min : 150°C, 100.0 μm	1.0	%	
TD, 30 min : 150°C, 100.0 μm	0.50	%	
Surface Treatment	Inside (Corona)/Outside (Acryl)		
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°, 100 μm)	160		ASTM D523
Transmittance (100 μm)	89.0	%	ASTM D1003
Haze (100 μm)	1.3	%	ASTM D1003

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