

LOFEX® A311S

Polyethylene Terephthalate

Lotte Chemical Corporation

Message:

LOFEX ® A311S Polyester film is optically clear and inside corona / outside slip treated with excellent properties by tensile strength, proper elongation and the thermal contraction rate. It can use by release film, laminating film and tape because it has excellent run, easy treatment by suitable product.

General Information			
Features	Good Strength		
	High Clarity		
Uses	Film		
	Industrial Applications		
	Laminates		
	Tape		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.29		
vs. Itself - Static	0.32		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,50 µm	196	MPa	
TD : Yield,50 µm	235	MPa	
Tensile Elongation			ASTM D882
MD : Break, 50 µm	160	%	
TD : Break, 50 µm	120	%	
F5			ASTM D882
MD : 50.0 µm	113	MPa	
TD : 50.0 µm	113	MPa	
Heat Shrinkage			Internal Method
MD, 30 min : 150°C, 50.0 µm	1.0	%	
TD, 30 min : 150°C, 50.0 µm	0.50	%	
Surface Treatment	Inside (Corona)/Outside (Slip)		
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°, 50.0 µm)	175		ASTM D523
Transmittance (50.0 µm)	89.0	%	ASTM D1003

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