

LOFEX® A41AA

Polyethylene Terephthalate

Lotte Chemical Corporation

Message:

LOFEX ® A41AA is Polyester film is optically clear and both sides acryl treated with enhanced adhesion to inks and coatings. So, it can use by MTP, graphic. 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		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.35		
vs. Itself - Static	0.40		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,180 µm	196	MPa	
TD : Yield,180 µm	206	MPa	
Tensile Elongation			ASTM D882
MD : Break, 180 µm	170	%	
TD : Break, 180 µm	130	%	
F5			ASTM D882
MD : 175.0 µm	113	MPa	
TD : 175.0 µm	113	MPa	
Heat Shrinkage			Internal Method
MD, 30 min : 150°C, 175.0 µm	1.0	%	
TD, 30 min : 150°C, 175.0 µm	0.50	%	
Surface Treatment	Both sides (Acryl)		
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (60°, 175 µm)	170		ASTM D523
Transmittance (175 µm)	88.0	%	ASTM D1003
Haze (175 µm)	3.0	%	ASTM D1003

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