

LOFEX[®]

A31AA Industrial Polyester Film

Product Description

LOFEX[®] A31AA is clear polyester film which is both-sides acryl treated for enhanced adhesion. It is designed to be used for window, graphic with excellent mechanical properties and thermal stability. Also, it is possible to control film thickness according to customer needs.

Application

Industrial Use (Window, Graphic, etc.)

Typical Properties

	Properties	Unit	Value				Test Method
General	Thickness	μm	50	100	125	188	LOTTE CHEMICAL method
	Tensile Strength (MD/TD)	kgf/mm ²	22 / 25	20 / 24	19 / 24	18 / 20	
Mechanical	Elongation (MD/TD)	%	170 / 110	180 / 120	180 / 120	180 / 120	ASTM D882
	F5 (MD/TD)	kgf/mm ²	11.5 / 11.5	11.5 / 11.5	11.5 / 11.5	11.0 / 11.0	
Optical	Light Transmission	%	89	89	89	89	ASTM D1003
	Haze	%	1.3	2.1	2.4	2.7	
	Gloss(60°)	%	170	170	170	170	
Thermal	Heat Shrinkage 150°C×30Min (MD/TD)	%	1.0 / 0.1	1.0 / 0.1	1.0 / 0.1	1.0 / 0.1	LOTTE CHEMICAL method
Surface	Coefficient of Friction (μs / μk)	-	0.35 / 0.30	0.35 / 0.30	0.35 / 0.30	0.35 / 0.30	ASTM D1894
Surface treatment			Both sides(Acryl)				

*This properties are typical values of products and do not guarantee for products.