

Kinlead ML21 General Grade BOPP Matt Film (thickness: 18 Âµm)

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

ML21 is a general grade BOPP Matt film. It is translucent and non heat sealable. It has low static and a good matt surface. Both sides have corona treatment. It is specially designed for board lamination with a matt finish on one side. Information provided by Kinlead.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kinlead-ML21-General-Grade-BOPP-Matt-Film-thickness-18-m.php

Physical Properties	Metric	English	Comments
Thickness	18.0 microns	0.709 mil	Â± 3.0%; ASTM-252-78
Linear Mold Shrinkage	0.040 cm/cm	0.040 in/in	ASTM-D1204
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	ASTM-D1204

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	170 %	170 %	ASTM-D882
Film Elongation at Break, TD	65 %	65 %	ASTM-D882
Coefficient of Friction	0.30	0.30	T/T-US; ASTM-D1894
	0.60	0.60	T/O-US; ASTM-D1894
Film Tensile Strength at Break, MD	120 MPa	17400 psi	ASTM-D882
Film Tensile Strength at Break, TD	260 MPa	37700 psi	ASTM-D882

Optical Properties	Metric	English	Comments
Haze	80 %	80 %	ASTM-D1003
Gloss	3.0 %	3.0 %	ASTM-D2457

Descriptive Properties	Value	Comments
Wetting Tension (Dyn)	38/38	ASTM-D2578
Yield (mÂ²/kg)	63.9	Kinlead

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