

Kinlead PT11 Adhesive Tape Grade BOPP Plain Film (thickness: 28 μm)

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

Material Notes:

PT11 is a general, adhesive tape grade BOPP plain film. It is transparent and non heat sealable. It has excellent glue adhesion, good dimensional stability, and high tensile strength. One side has corona treatment. It is widely used in adhesive tape applications. Information provided by Kinlead.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kinlead-PT11-Adhesive-Tape-Grade-BOPP-Plain-Film-thickness-28-m.php

Physical Properties	Metric	English	Comments
Thickness	28.0 microns	1.10 mil	$\hat{A}\pm 2.5\%$; ASTM-252-78
Linear Mold Shrinkage	0.035 cm/cm	0.035 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	155 %	155 %	ASTM-D882
Film Elongation at Break, TD	55 %	55 %	ASTM-D882
Coefficient of Friction	0.40	0.40	T/T-US; ASTM-D1894
	0.45	0.45	T/O-US; ASTM-D1894
Film Tensile Strength at Break, MD	160 MPa	23200 psi	ASTM-D882
Film Tensile Strength at Break, TD	305 MPa	44200 psi	ASTM-D882

Optical Properties	Metric	English	Comments
Haze	1.0 %	1.0 %	ASTM-D1003
Gloss	94 %	94 %	ASTM-D2457
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Descriptive Properties	Value	Comments
Corona Treatment (Dyn)	39	ASTM-D2578
Wetting Tension (Dyn)	39	ASTM-D2578
Yield ($\text{m}\hat{A}^2/\text{kg}$)	39.2	Kinlead

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