Kinlead HSD11 Normal Grade Heat Sealable Film (thickness: 25 µm)

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

Material Notes:

HSD11 is a general, normal grade heat sealable film. It is transparent, and both sides are heat sealable. It has low static, excellent flatness and machinability, and good heat seal strength and dimensional stability. One side has corona treatment with a normal sealing temperature. It is widely used in food and confectionary packaging, packing, printing, and laminating applications.Information provided by Kinlead.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kinlead-HSD11-Normal-Grade-Heat-Sealable-Film-thickness-25-m.php

Physical Properties	Metric	English	Comments
Thickness	25.0 microns	0.984 mil	± 2.5%; ASTM-252-78
Linear Mold Shrinkage	0.030 cm/cm	0.030 in/in	ASTM-D1204
Linear Mold Shrinkage, Transverse	0.018 cm/cm	0.018 in/in	ASTM-D1204

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	185 %	185 %	ASTM-D882
Film Elongation at Break, TD	65 %	65 %	ASTM-D882
Coefficient of Friction	0.30	0.30	T/T-US; ASTM-D1894
	0.30	0.30	T/O-US; ASTM-D1894
Film Tensile Strength at Break, MD	140 MPa	20300 psi	ASTM-D882
Film Tensile Strength at Break, TD	280 MPa	40600 psi	ASTM-D882
Heat Seal Strength	517.9 g/25 mm	1.142 lb/in	Kinlead
Heat Seal Strength Initiation Temperature	115 - 120 °C	239 - 248 °F	Kinlead

Optical Properties	Metric	English	Comments
Haze	1.7 %	1.7 %	ASTM-D1003
Gloss	92 %	92 %	ASTM-D1003
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Descriptive Properties		Value	Comments
Corona Treatment (Dyn)		38	ASTM-D2578

Descriptive Properties	Value	Comments
Wetting Tension (Dyn)	38	ASTM-D2578
Yield (mÂ²/kg)	44	Kinlead

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