

Kinlead LSD13 Low Temperature Grade Heat Sealable Film (thickness: 18 μm)

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

Material Notes:

LSD13 is a metalizing, low temperature grade heat sealable film. It is transparent, and both sides are heat sealable. It has low static, excellent metal adhesion, and good heat seal strength. One side has corona treatment with a low sealing temperature. It is widely used in food packaging for metallization with a low heat sealing temperature requirement. Information provided by Kinlead.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kinlead-LSD13-Low-Temperature-Grade-Heat-Sealable-Film-thickness-18-m.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|--------------|-------------|---------------------|
| Thickness | 18.0 microns | 0.709 mil | ± 3.0%; 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 | 0.40 | 0.40 | T/T-US; ASTM-D1894 |
| | 0.40 | 0.40 | 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 | 105 - 110 °C | 221 - 230 °F | Kinlead |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------------|
| Haze | 1.2 % | 1.2 % | ASTM-D1003 |
| Gloss | 92 % | 92 % | ASTM-D1003 |
| Transmission, Visible | 90 % | 90 % | transparent; thickness not quantified |

| Descriptive Properties | Value | Comments |
|----------------------------|-------|------------|
| Wetting Tension (Dyn) | 38 | ASTM-D2578 |
| Yield (m ² /kg) | 61.1 | Kinlead |

| Descriptive Properties | Value | Comments |
|--|-------|----------|
| Contact Songhan Plastic Technology Co.,Ltd. | | |

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China