

Kinlead LSS11 Low Temperature Grade Heat Sealable Film (thickness: 30 Åµm)

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

Material Notes:

LSS11 is a general, low temperature grade heat sealable film. It is transparent, and one side is heat sealable. It has low static, excellent flatness, and good heat seal strength. One side has corona treatment with a low sealing temperature. It is widely used in food and confectionary packaging with a low heat sealing temperature requirement. Information provided by Kinlead.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kinlead-LSS11-Low-Temperature-Grade-Heat-Sealable-Film-thickness-30-m.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|--------------|-------------|----------------------|
| Thickness | 30.0 microns | 1.18 mil | Å± 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 | 105 - 110 Å°C | 221 - 230 Å°F | Kinlead |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------------|
| Haze | 2.0 % | 2.0 % | 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 (mÅ²/kg) | 36.6 | Kinlead |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
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