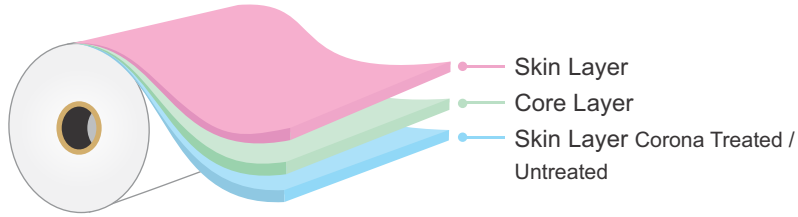


BOPET Low Haze Film

CF-LHF

Provisional Data Sheet

Structure



Description

It is Co-Extruded High Clear Film with smooth surface and good handling properties.

Features

- High Clarity and transparency.
- Good Gloss
- Excellent machinability
- Good dimensional stability

Applications

- Glitter Application
- Sequencing, holography, metallization and industrial applications
- Good Adhesion for ink and lacquers

| Properties | Ref. | Units | ASTM#/Test Method | CF-LHF | | | | | | | |
|---------------------------------------------------|-------|---------------------|-------------------|-------------|------|------|------|-------|------|-------|------|
| Physical Data | | | | | | | | | | | |
| Average Thickness | | micron | D-374-C | 50 | 75 | 90 | 100 | 103 | 110 | 114 | 125 |
| | | gauge | | 200 | 300 | 360 | 400 | 412 | 440 | 456 | 500 |
| | | mils | | 2.0 | 3.0 | 3.6 | 4.0 | 4.1 | 4.4 | 4.5 | 5.0 |
| Density | | g/cc | | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| Average Substance | | g/m ² | | 70 | 105 | 126 | 140 | 144.2 | 154 | 159.6 | 175 |
| Surface tension (min.) | UT/CT | dynes/cm | D-2578 | 48 - 52 | | | | | | | |
| Kinetic COF (Max.) | UT/CT | | D-1894 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| | UT/UT | | | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 |
| Yield | | m ² /Kg | D-4321 | 14.3 | 9.5 | 7.9 | 7.1 | 6.9 | 6.5 | 6.3 | 5.7 |
| | | in ² /lb | | 10044 | 6696 | 5580 | 5022 | 4876 | 4569 | 4405 | 4018 |
| Optical Data | | | | | | | | | | | |
| Haze (Max.) | | % | D-1003 | 1.4 | 1.4 | 1.5 | 1.6 | 1.7 | 1.7 | 1.8 | 2.0 |
| Mechanical Data | | | | | | | | | | | |
| Tensile Strength (min.) | MD | kg/ cm ² | D-882 | 1700 - 1900 | | | | | | | |
| | TD | | | 1700 - 2000 | | | | | | | |
| Elongation (min.) | MD | % | D-882 | 110-140 | | | | | | | |
| | TD | | | 115-150 | | | | | | | |
| Thermal Data | | | | | | | | | | | |
| Linear Shrinkage (Max.) (150°C/302°F, 30 min.) | MD | % | D-1204 | 2.5 | | | | | | | |
| | TD | | | 1.0 | | | | | | | |

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated UT : Untreated

Storage & Handling : PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

Disclaimer : The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

Updated as on May - 2023