

LOFEX®

A4110 Industrial Polyester Film

Product Description

LOFEX® A4110 is clear polyester film which is inside corona treated. It is designed to be used for release, laminex, tape with excellent mechanical properties and thermal stability. Also, it is possible to control film thickness according to customer needs.

Application

Industrial Use (Release, Laminex, Tape, etc.)

Typical Properties

| | Properties | Unit | Value | | | | Test Method |
|-------------------|--|---------------------|----------------|-------------|-------------|-------------|-----------------------------|
| General | Thickness | μm | 50 | 75 | 100 | 125 | LOTTE CHEMICAL method |
| | Tensile Strength (MD/TD) | kgf/mm ² | 22 / 25 | 21 / 24 | 20 / 23 | 19 / 22 | |
| Mechanical | Elongation (MD/TD) | % | 170 / 110 | 170 / 110 | 170 / 110 | 170 / 120 | ASTM D882 |
| | F5 (MD/TD) | kgf/mm ² | 11.5 / 11.5 | 11.5 / 11.5 | 11.5 / 11.5 | 11.5 / 11.5 | |
| Optical | Light Transmission | % | 88 | 88 | 88 | 88 | ASTM D1003 |
| | Haze | % | 2.0 | 2.5 | 3.4 | 4.5 | |
| | Gloss(60°) | % | 160 | 160 | 160 | 160 | |
| Thermal | Heat Shrinkage 150 °C ×30Min (MD/TD) | % | 1.0 / 0.1 | 1.0 / 0.1 | 1.0 / 0.1 | 1.0 / 0.1 | LOTTE CHEMICAL method |
| Surface | Coefficient of Friction (μk) | - | 0.3 | 0.3 | 0.3 | 0.3 | ASTM D1894 |
| | Surface Tension | Dyne/cm | 52 | 52 | 52 | 52 | ASTM D2578 |
| Surface treatment | | | Inside(Corona) | | | | |

*This properties are typical values of products and do not guarantee for products.