



波丽奥® PC 薄膜 LC41

波丽奥® Polycarbonate film LC41

| 颜色 | 表面纹理 | 厚度范围 | 常用厚度 | 常用尺寸 | 用途 |
|-------------------|--------------------------|------------------|------------------|------------------|--|
| Color | Texture | Thickness | Common thickness | Common dimension | Application |
| 透明 transparent | 磨砂/抛光 Velvet/polished | 0.1mm~ 0.25mm | 0.22mm | —— | 旅行箱、拉杆箱及各类箱包产品 Polycarbonate film for luggage |

物性一览表

Product Datasheet

| 序号 | 物性 | 性能指标 | 单位 | 测试标准 |
|------------------|---------------------------------|-------|-------------------|-------------|
| Item | Property | Value | Unit | Test Method |
| 光学性能 Optical | 透光率 Light Transmission | >88 | % | ASTM D1003 |
| | 雾度 Haze | >90 | % | ASTM D1003 |
| 物理性能 Physical | 密度 Density | 1.2 | g/cm ³ | ISO 1183 |
| | 吸水率 Water Absorbing Capacity | <0.3 | % | ASTM D570 |
| 机械性能 Physical | 拉伸强度 Tensile Strength | 60 | MPa | ISO 527 |
| | 断裂伸长率 Elongation | >100 | % | ISO 527 |
| | 拉伸模量 Tensile Modulus | 2400 | MPa | ISO 178 |





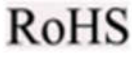
苏州奥美材料科技有限公司

SUZHOU OMAY OPTICAL MATERIALS CO., LTD

| | | | | |
|---------------------|----------------------------------|-----------|-----------------------------------|------------|
| | 弯曲强度 | 91 | MPa | ISO 178 |
| | Flexural Strength | | | |
| | 介电常数 | 3 | - | IEC60250 |
| | Dielectric Constant | | | |
| | 耐电压值 | 30 | KV/mm | IEC 60243 |
| | Resistant Puncture Voltage | | | |
| 电性能 Electrical | 耐电弧性 | 250 | - | IEC 60112 |
| | Arc Resistivity | | | |
| | 表面电阻率 | 1.00E+16 | Ω /square | IEC 60093 |
| | Surface Resistivity | | | |
| | 体积电阻率 | 1.00E+17 | Ω -cm | IEC60093 |
| | Volume Resistivity | | | |
| | 热膨胀系数 | 5.8 | $\times 10^{-5}/^{\circ}\text{C}$ | ISO 11359 |
| | Coefficient of Thermal Expansion | | | |
| 热性能 Thermal | 热传导率 | 0.2 | W/(m*K) | ASTM D5470 |
| | Thermal Conductivity | | | |
| | 收缩率 (150°C) | 0.5~0.7 | % | ASTM D1204 |
| | Thermal Shrinkage (at 150°C) | | | |
| | 玻璃化温度 | 152 | $^{\circ}\text{C}$ | ISO 306 |
| | Tg | | | |
| 可燃性 Flammability | UL94 | V-2/VTM-2 | | E249605 |

注:本测试仅供参考,不作为绝对应用指标.

Tip: This test data is for reference only, not as an absolute application index.



地 址: 江苏省苏州市高新区华山路 158-30 号
Address: No.158-30,Huashan road, SND, Suzhou, China
TEL: +86 512 66652011 FAX: +86 512 66652012
E-mail: omay@pc-film.com Web: www.pc-film.com