

Skyrol® SH94

Polyethylene Terephthalate

SKC Inc.

Message:

Skyrol® SH94 is optically very clear and glossy. Both sides are pretreated with anti-static coating. SH94 is specially designed to improve ink / coating adhesion properties. With these advantages, SH94 is widely used as substrate for montage, overhead projection transparencies, color proofing, etc.

| General Information | | | |
|--|-------------------|-------------------|-----------------|
| UL YellowCard | E74359-100717954 | E74359-249671 | |
| Additive | Antistatic | | |
| Features | Antistatic | | |
| | Good Adhesion | | |
| | High Gloss | | |
| | Opticals | | |
| Uses | Clear Sheet | | |
| | Film | | |
| Appearance | Clear/Transparent | | |
| Forms | Film | | |
| Physical | Nominal Value | Unit | Test Method |
| Density ¹ | 1.40 | g/cm ³ | ASTM D1505 |
| Molding Shrinkage | | | Internal Method |
| Flow : 150°C, 30 min, 0.0500 mm | 1.3 | % | |
| Across Flow : 150°C, 30 min, 0.0500 mm | 0.60 | % | |
| Films | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D882 |
| MD : Yield,50 μm | 228 | MPa | |
| TD : Yield,50 μm | 234 | MPa | |
| Tensile Elongation | | | ASTM D882 |
| MD : Break, 50 μm | 150 | % | |
| TD : Break, 50 μm | 120 | % | |
| Optical | Nominal Value | Unit | Test Method |
| Gardner Gloss (50.0 μm) | 169 | | ASTM D523 |
| Transmittance (50.0 μm) | 90.0 | % | ASTM D1003 |
| Haze (50.0 μm) | 1.4 | % | ASTM D1003 |
| NOTE | | | |
| 1. | 50 μm | | |

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