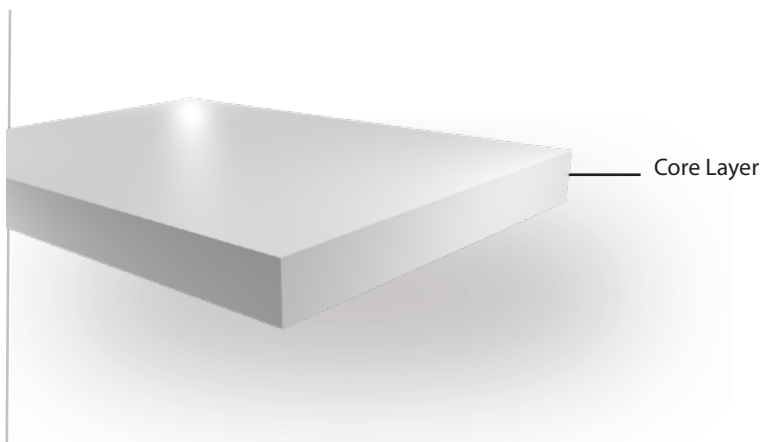


Lumirror GA66

Applications

- Gamma Sterilization
- Medical packaging



Lumirror GA66

MONO LAYER PET FILM FOR MEDICAL APPLICATIONS

Summary

GA66 is a plain transparent polyester film designed for gamma sterilization and medical packaging.

Technical Data *

| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES | | | |
|--|-------------------|------------|------------------------|----------------|------|------|------|
| Thickness | | - | micron | 12.2 | 19.1 | 23.4 | 50.8 |
| Nominal Yield | | - | m ² /kg | 58.5 | 37.4 | 30.5 | 14.1 |
| F-5 | MD | ASTM D882 | Mpa | 104 | 106 | 103 | 105 |
| | TD | | | 96 | 94 | 97 | 97 |
| Tensile Strength at Break | MD | ASTM D882 | Mpa | 244 | 243 | 212 | 179 |
| | TD | | | 236 | 226 | 242 | 209 |
| Elongation at Break | MD | ASTM D882 | % | 130 | 130 | 160 | 180 |
| | TD | | | 120 | 140 | 130 | 130 |
| Heat Shrinkage (150°C for 30 minutes) | MD | ASTM D1204 | % | 1.6 | 1.5 | 1.4 | 1.3 |
| | TD | | | 0.3 | 0.2 | 0.2 | 0.2 |
| Coefficient of Friction | A-side vs. B-side | ASTM D1894 | μ_s | 0.4 | 0.4 | 0.4 | 0.4 |
| | | | μ_b | 0.3 | 0.3 | 0.3 | 0.3 |
| MVTR - 38 °C, 90% RH | | ASTM F1249 | g/m ² /day | 45.0 | 29.5 | 21.7 | 0.0 |
| O ₂ Barrier - 23 °C, 0% RH | | ASTM D3985 | cc/m ² /day | 124.0 | 77.5 | 62.0 | 0.0 |

Key Features

- Excellent tensile and elongation properties after gamma irradiation sterilization
- Good machinability due to surface roughness properties
- Improved adhesion of inks, adhesives, cohesives and polyethylene on the modified surface
- Excellent dimensional stability at higher temperatures
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications
- Drug Master File listed #17749

Similar Products

- GA10
- GA25

Winding Direction



* These values do not constitute specific binding specifications

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