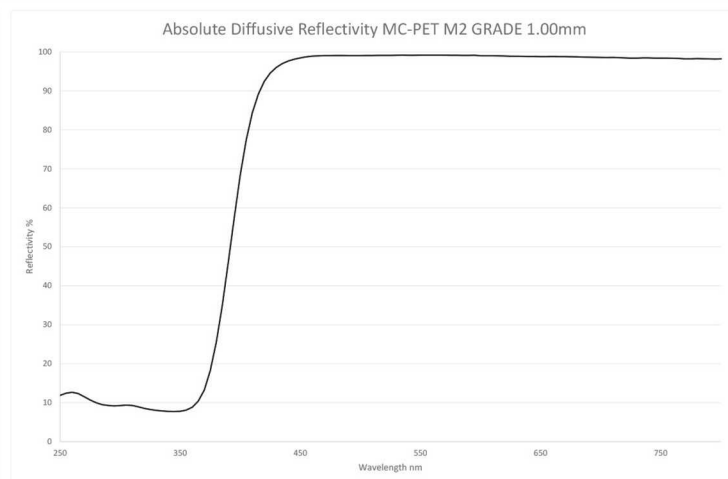
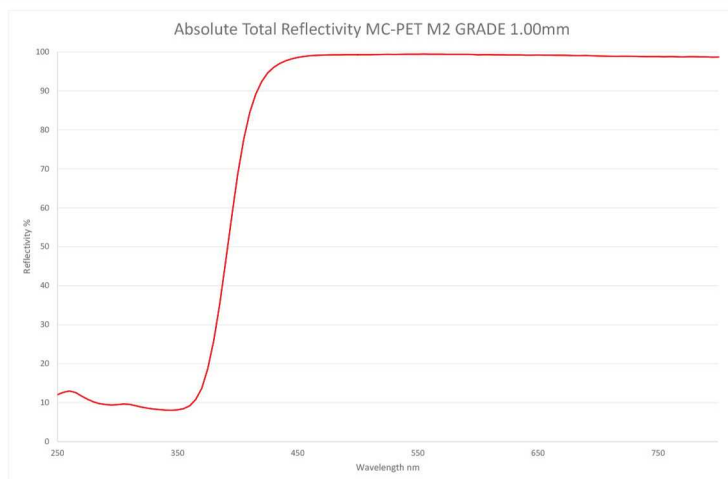


M2 Grade 1.00mm

Technical Data Sheet



| | | | | | |
|--------------------------------|---|-----|--|----------------------|-------|
| Grade | | | M2 | | |
| Material | - | - | Polyethylene terephthalate | | |
| Thickness | - | mm | 1.00 | | |
| Sheet Size | - | mm | 600*1200 & 600*1500 | | |
| Rolls size | - | mm | - | | |
| UV protection | - | - | Built-in | | |
| Furukawa MOQ | - | - | 50 Sheets | | |
| Density | | | kg/m3 | | |
| - | | | 270 | | |
| Optical properties | Absolute Total Reflectivity @ 550 nm | - | % | 99.4% | |
| | Absolute Diffuse Reflectivity @ 550 nm | - | % | 99.2% | |
| Mechanical properties | Tensile strength | MD | Mpa | 17 | |
| | | TD | | 15 | |
| | Elongation | MD | % | 68 | |
| | | TD | | 62 | |
| | Tear strength | MD | N/cm | 634 | |
| | | TD | | 693 | |
| Flexural Strength | MD | Mpa | 11 | | |
| | TD | | 9 | | |
| Flexural Modulus | MD | Mpa | 959 | | |
| | TD | | 739 | | |
| Electrical properties | Surface specific resistivity | - | Ω | 10 ¹⁴ | |
| Thermal properties | Ave. linear expansion (30-70°C) | MD | °C ⁻¹ | 2.9X10 ⁻⁵ | |
| | | TD | | 3.8X10 ⁻⁵ | |
| | Thermal Deformation | MD | 100°CX24hrs | | -1.18 |
| | | TD | | | -0.97 |
| Flame retardance UL94 | | | HBF (File No.E99693) | | |
| GWFI | | | °C | 750 | |
| Environmental stability | | | RoHS complianced | | |
| | | | Halogen free | | |
| | | | Recyclable | | |
| 3D Forming | | | Yes | | |
| Cleaning | | | PH Neutral detergent, please ensure all detergent is removed and wiped dry | | |

