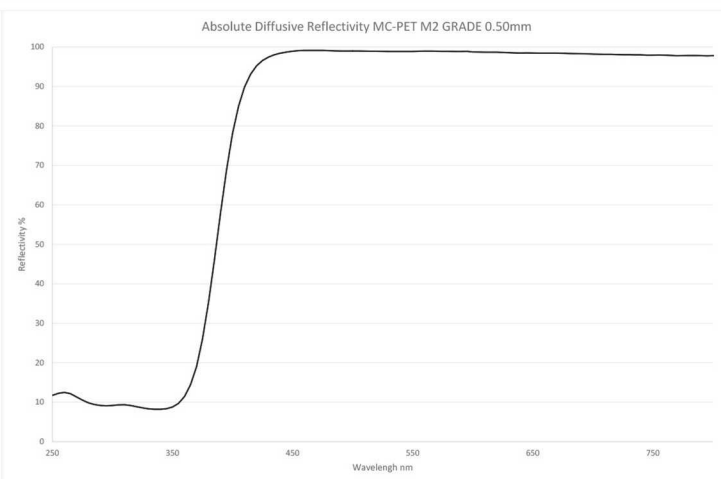
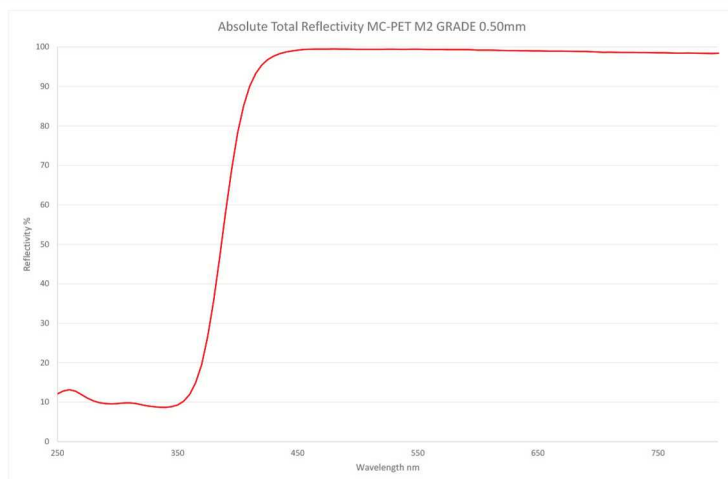


M2 Grade 0.50mm

Technical Data Sheet



| Grade | | | M2 | | |
|-------------------------|--|-------|----------------------------|--|-------|
| Material | - | - | Polyethylene terephthalate | | |
| Thickness | - | mm | 0.50 | | |
| Sheet Size | - | mm | 600*1200 & 600*1500 | | |
| Rolls size | - | mm | - | | |
| UV protection | - | - | Built-in | | |
| Furukawa MOQ | - | | 100 sheets | | |
| Density | - | kg/m3 | 330 | | |
| Optical properties | Absolute Total Reflectivity @ 550 nm | - | % | 99.4% | |
| | Absolute Diffuse Reflectivity @ 550 nm | - | % | 98.9% | |
| Mechanical properties | Tensile strength | MD | Mpa | 20 | |
| | | TD | | 17 | |
| | Elongation | MD | % | 46 | |
| | | TD | | 44 | |
| | Tear strength | MD | N/cm | 716 | |
| | | TD | | 773 | |
| Flexural Strength | MD | Mpa | 10 | | |
| | TD | | 7 | | |
| Flexural Modulus | MD | Mpa | 1311 | | |
| | TD | | 1028 | | |
| Electrical properties | Surface specific resistivity | - | Ω | 10 ¹⁴ | |
| Thermal properties | Ave. linear expansion (30-70°C) | MD | °C ⁻¹ | 3.5X10 ⁻⁵ | |
| | | TD | | 4.1X10 ⁻⁵ | |
| | Thermal Deformation | MD | 100°CX24hrs | | -1.17 |
| | | TD | | | -0.40 |
| Flame retardance UL94 | | | | HBF (File No.E99693) | |
| GWFI | | | °C | 850 | |
| Environmental stability | | | | RoHS complianced | |
| | | | | Halogen free | |
| | | | | Recyclable | |
| 3D Forming | | | | Please contact Furukawa | |
| Cleaning | | | | PH Neutral detergent, please ensure all detergent is removed and wiped dry | |

