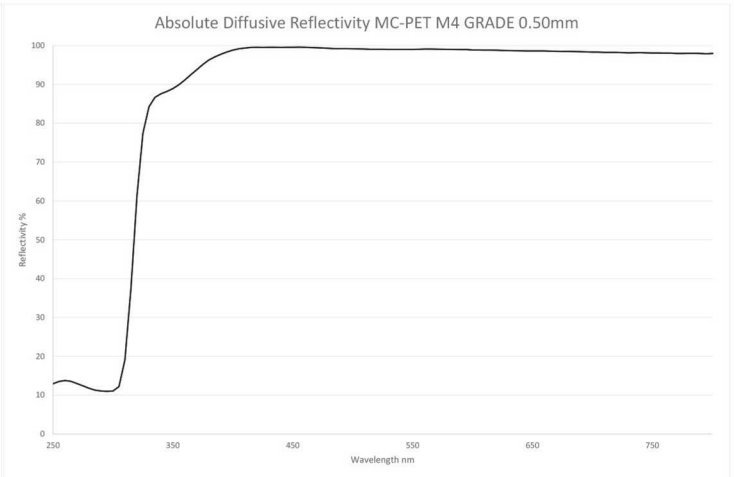
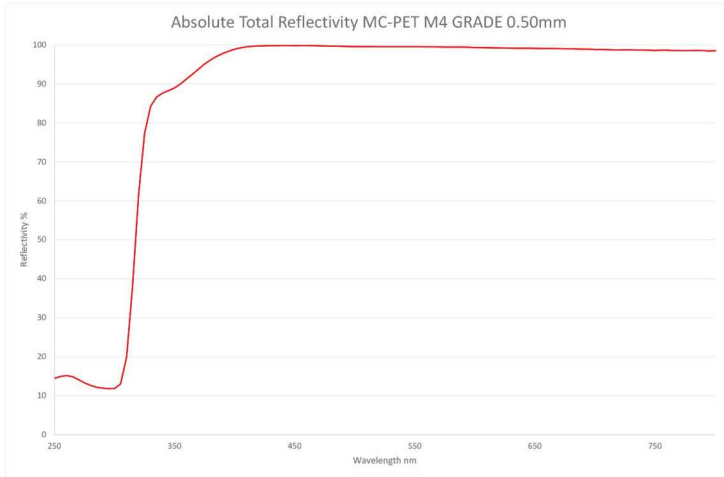


M4 Grade 0.50mm

Technical Data Sheet



Grade			M4	
Material	-	-	Polyethylene terephthalate	
Thickness	-	mm	0.50	
Sheet Size	-	mm	615*1210 & 615*1510	
Rolls size	-	mm	-	
UV protection	-	-	None	
Furukawa MOQ	-	-	100 sheets	
Density	-	kg/m3	330	
Optical properties	Absolute Total Reflectivity @ 550 nm	-	%	99.5%
	Absolute Diffuse Reflectivity @ 550 nm	-	%	99.0%
Mechanical properties	Tensile strength	MD	Mpa	21
		TD	Mpa	18
	Elongation	MD	%	70
		TD	%	70
	Tear strength	MD	N/cm	616
		TD	N/cm	643
Flexural Strength	MD	Mpa	9	
	TD	Mpa	7	
Flexural Modulus	MD	Mpa	775	
	TD	Mpa	373	
Electrical properties	Surface specific resistivity	-	Ω	10 ¹⁴
Thermal properties	Ave. linear expansion (30-70°C)	MD	°C ⁻¹	4.0X10 ⁻⁵
		TD	°C ⁻¹	5.1X10 ⁻⁵
	Thermal Deformation	MD	100°CX24hrs	-0.41
		TD	100°CX24hrs	-0.22
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

