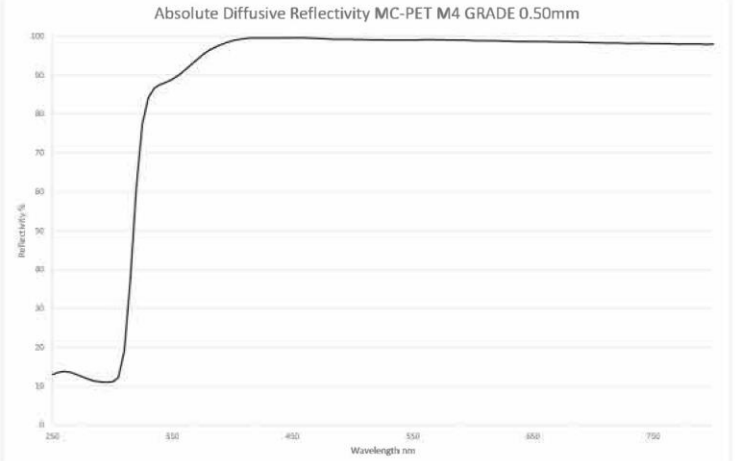
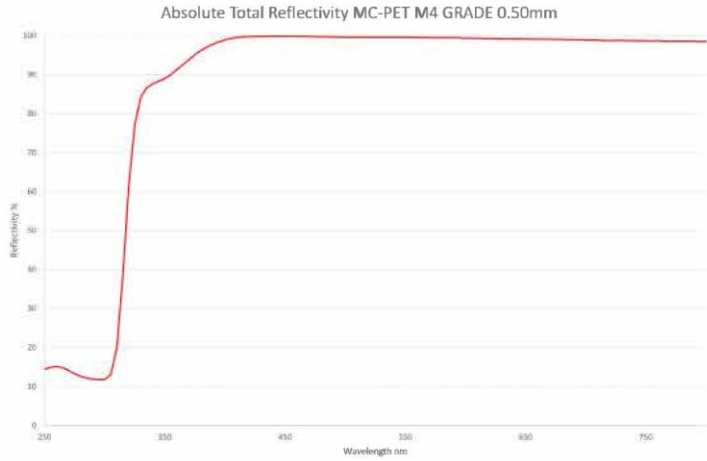


M4 Grade 0.50mm

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		18
	Elongation	MD	%	70
		TD		70
	Tear strength	MD	N/cm	616
		TD		643
Flexural Strength	MD	Mpa	9	
	TD		7	
Flexural Modulus	MD	Mpa	775	
	TD		373	
Electrical properties	Surface specific resistivity	-	Ω	10^{14}
Thermal properties	Ave. linear expansion (30-70°C)	MD	$^{\circ}\text{C}^{-1}$	4.0×10^{-5}
		TD		5.1×10^{-5}
	Thermal Deformation	MD	$100^{\circ}\text{C} \times 24\text{hrs}$	-0.41
	TD		-0.22	
GWFI		$^{\circ}\text{C}$	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	

