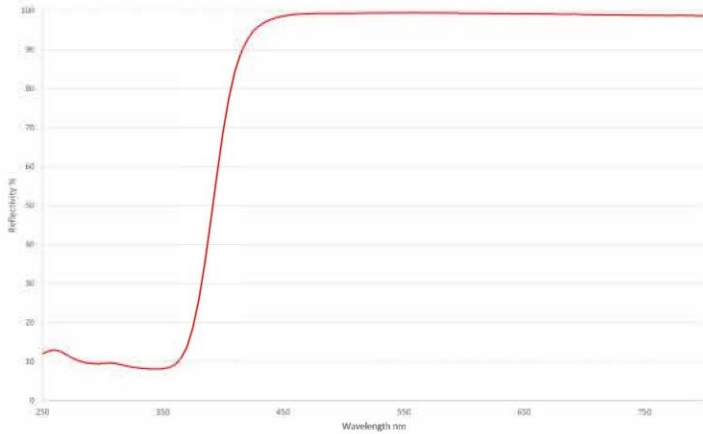


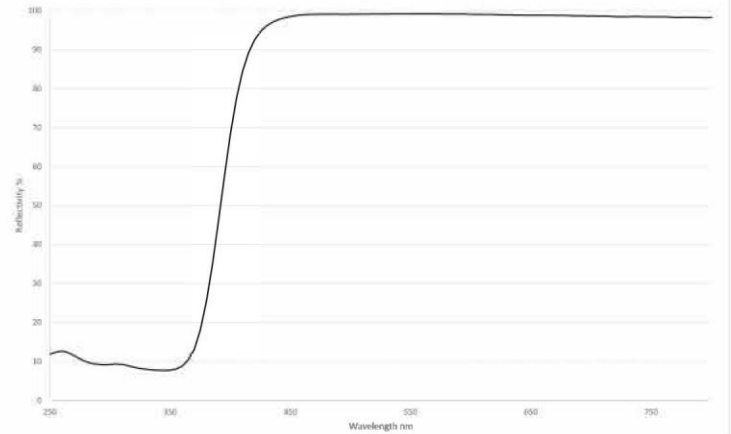
M2 Grade 1.00mm

Technical Data Sheet

Absolute Total Reflectivity MC-PET M2 GRADE 1.00mm



Absolute Diffusive Reflectivity MC-PET M2 GRADE 1.00mm



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	$^{\circ}\text{C}^{-1}$	2.9×10^{-5}
		TD		3.8×10^{-5}
	Thermal Deformation	MD	$100^{\circ}\text{C} \times 24\text{hrs}$	-1.18
		TD		-0.97
	GWFI		$^{\circ}\text{C}$	750
	Environmental stability			RoHS complianced
				Halogen free
				Recyclable
	3D Forming			Yes
	Cleaning			PH Neutral detergent, please ensure all detergent is removed and wiped dry

