

Furukawa - Microcellular Reflective Sheet

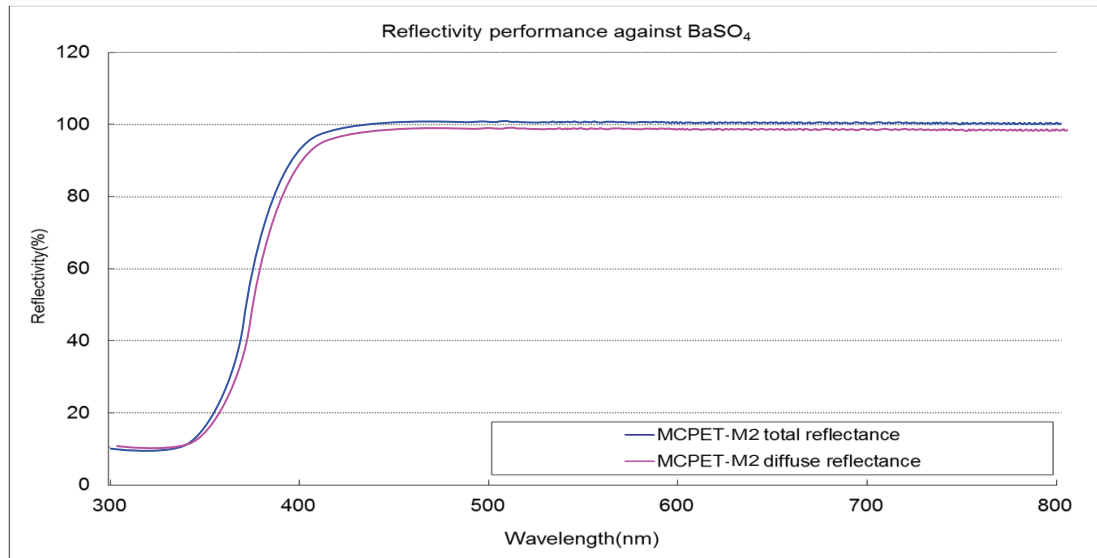
MCPET-M2 1mm

*Thickness

- 1.00mm

*Reflective performance at 550nm

- 100.1% in total and 99.9% in diffuse



*Processing method

Cutting - Die cut and Laser Cut are available

Overview	Thickness		mm	1	
	¹⁾ Reflectivity	Total Reflectivity	%	100.1	
		Diffuse Reflectivity	%	99.9	
	Surface specific resistivity		Ω	10 ¹⁴	
	Processing	Cutting		fine	
		Molding		marginal (under special condition)	
Base material			Polyethylene terephthalate		
Mechanical properties	Tensile strength	MD	Mpa	16	ISO 7214-2007
		TD		14	
	Elongation	MD	%	69	ISO 7214-2007
		TD		63	
	Tear strength	MD	Mpa	955	ISO 7214-2007
		TD		827	
	Flexural Strength	MD	Mpa	11	ISO 7214-2007
		TD		14	
	Flexural Modulus	MD	Mpa	514	ISO 7214-2007
		TD		681	
Flameability	Glow wire test		°C	750	IEC 60695-2-11:2014
	UL94			HBF	QMFZ2.E99693
Environmental suitability	RoHS complianced				
	Halogen free				
	Recyclable				
Sheet size	600X1200, 600X1500,				

Packing description

Product size(mm)	Quantity per box
600X1200	50
600X1500	50

Note1) Reflectivity is relative against barium sulfate at 550nm.

Note2) This material has UV protection