

Furukawa - Microcellular Reflective Sheet

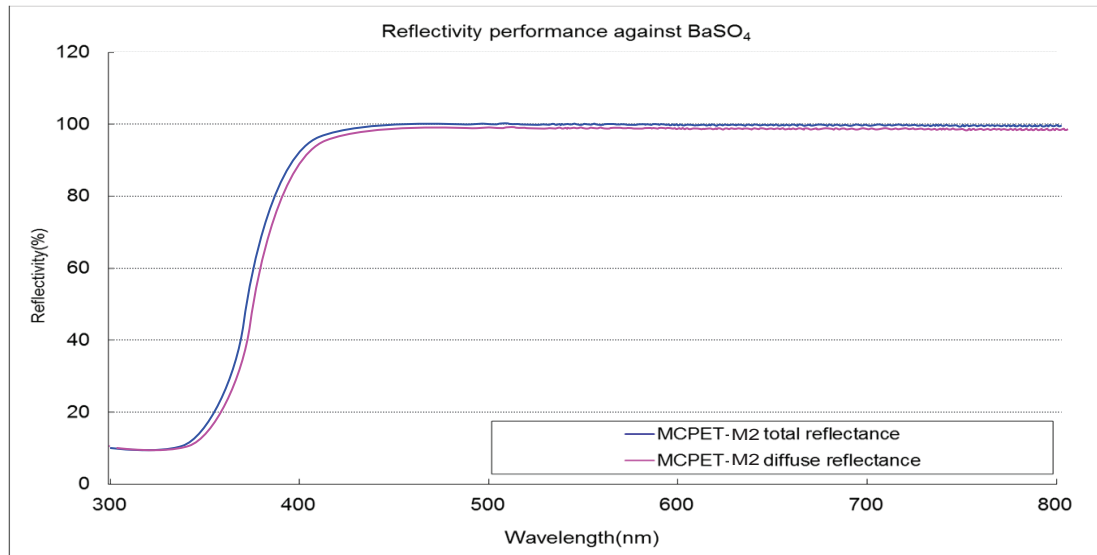
# MCPET-M2 0.5mm

\*Thickness

- 0.5mm

\*Reflective performance at 550nm

- 99.8% in total and 99.7% in diffuse



\*Processing method

Cutting - Die cut and Laser Cut are available

Overview	Thickness		mm		0.5		
	<sup>1)</sup> Reflectivity	Total Reflectivity		%		99.8	
		Diffuse Reflectivity		%		99.7	
	Surface specific resistivity			Ω		10 <sup>14</sup>	
	Processing	Cutting			fine		
		Molding			impractical		
Base material				Polyethylene terephthalate			
Mechanical properties	Tensile strength	MD	Mpa	20	ISO 7214-2007		
		TD		16			
	Elongation	MD	%	71	ISO 7214-2007		
		TD		69			
	Tear strength	MD	Mpa	1031	ISO 7214-2007		
		TD		903			
	Flexural Strength	MD	Mpa	12	ISO 7214-2007		
		TD		16			
	Flexural Modulus	MD	Mpa	684	ISO 7214-2007		
		TD		1085			
Flameability	Glow wire test		°C	850	IEC 60695-2-11:2014		
	UL94			HB	QMFZ2.E99693		
Environmental suitability	RoHS complianced						
	Halogen free						
	Recyclable						
Sheet size	600X1200. 600X1500.						

## Packing description

Product size(mm)	Quantity per box
600X1200	100
600X1500	100

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

Note2) This material has UV protection