

Furukawa - Microcellular Reflective Sheet

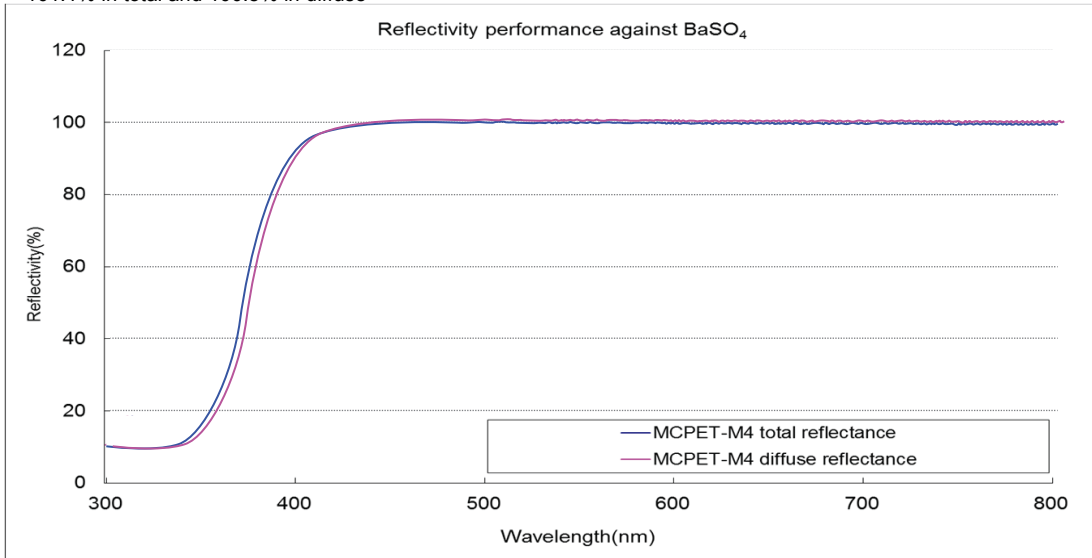
SALES ENGINEERING GROUP  
 BUSINESS DEVELOPMENT DEPARTMENT  
 MC PRODUCTS DEPARTMENT  
 FUNCTIONAL PLASTICS DIVISION  
 FURUKAWA ELECTRIC CO., LTD

# MCPET-M4 0.5mm

drawn	approved
	

\*Thickness  
 - 0.5mm

\*Reflective performance at 550nm  
 - 101.1% in total and 100.8% in diffuse



\*Processing method  
 Cutting - Die cut and Laser Cut are available

<b>Overview</b>	Thickness		mm	0.5	
	<sup>1)</sup> Reflectivity	Total Reflectivity	%	101.1	
		Diffuse Reflectivity	%	100.8	
	Surface specific resistivity		Ω	10 <sup>14</sup>	
	Processing	Cutting		fine	
	Molding		impractical		
Base material			Polyethylene terephthalate		
<b>Mechanical properties</b>	Tensile strength	MD	Mpa	17	ISO 7214-2007
		TD		20	
	Elongation	MD	%	69	ISO 7214-2007
		TD		68	
	Tear strength	MD	Mpa	972	ISO 7214-2007
		TD		1029	
	Flexural Strength	MD	Mpa	18	ISO 7214-2007
		TD		14	
Flexural Modulus	MD	Mpa	1210	ISO 7214-2007	
	TD		904		
<b>Environmental suitability</b>	RoHS complianced				
	Halogen free				
	Recyclable				
<b>Sheet size</b>	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 product has no anti-UV protection. Do not expose this product to UV rays.