

Furukawa - Microcellular Reflective Sheet

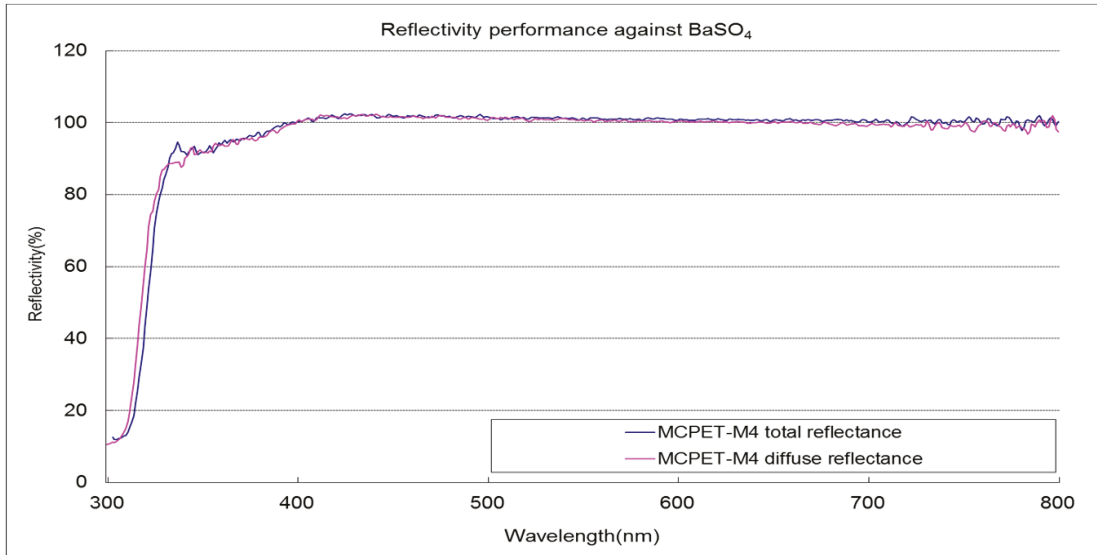
MCPET-M4 1mm

MC PRODUCTS DEPARTMENT
FUNCTIONAL PLASTICS DIVISION
FURUKAWA ELECTRIC CO., LTD

drawn	approved
	MC 2014/12/16 梅村

*Thickness
- 1.00mm

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



*Processing method

Cutting - Die cut or laser Cut are available

Molding - Matched molding with male/female tooling is recommended.

Overview	Thickness		mm		1	
	¹⁾ Reflectivity	Total Reflectivity		%		101.1
		Diffuse Reflectivity		%		100.8
	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		18		
	Elongation	MD	%	87	ISO 7214-2007	
		TD		81		
	Tear strength	MD	Mpa	986	ISO 7214-2007	
		TD		1056		
	Flexural Strength	MD	Mpa	17	ISO 7214-2007	
		TD		14		
	Flexural Modulus	MD	Mpa	767	ISO 7214-2007	
		TD		617		
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 product has no anti-UV protection. Do not expose this product to UV rays.