

Technical specification

MC-pet

Description Foamed PET, White Polyethylene Terephthalate. Highly reflective material for e.g. LED and signboard applications.

Properties	Unit	Value	Test method
Thickness (Tolerance)	Mm	0,94 (-0,08 +0,08)	
Width (Tolerance)	Mm	600 (-0 +5)	
Length (Tolerance)	Mm	1,000 1,200 1,500 (-0 +20)	
Density (Tolerance)	kg/m ³	345 (-30, +30)	
Total reflectivity (relative reflectivity with BaSO4 at 550nm)	%	99	
Diffuse relectivity (relative reflectivity with BaSO4 at 550nm)	%	96	
Tensile strength (direction) (MD/TD)	MPa	13,5/13,5	
Bending strength (direction) (MD/TD)	MPa	900/750	
Linear expansion coefficient	°C	5,1 ⁻¹ (MD) 6,4 ⁻¹ (MD) (20-100)	
Flame resistance certification		UL 94 – HBF	File No. E99693
Glow wire test		IEC 60695, GWFI 800/0,95, GWIT 825/0,95	

This specification is given by our best knowledge and might be submitted to changes.