

SILVER MIRROR POLYMETHYLMETHACRYLATE SHEET			
STANDARD SPECIFICATIONS			
	CODE	UNIT	VALUE
PHYSICAL PROPERTIES			
Density	ISO 1183	g/cm ³	1,2
MECHANICAL PROPERTIES			
Tensile strength to breakage	ISO527	MPa	83
Elongation to breakage	ISO527	%	5
Elasticity moduls in traction	ISO527	MPa	3.200
Resistance to flexion	ISO178	MPa	120
Rockwell hardness, M/R scale			92
Ball pressure hardness	ISO 2039	MPa	185
THERMAL PROPERTIES			
Maximum Service temperature		°C	80
Softening temperature		°C	110
Coefficient of linear thermal expansion	ISO 75-2		7
REACTION TO FIRE			
FRANCE	NFP 92-507		M4
GERMANY	DIN 4102-1		B2
GREAT BRITAIN	BS 476: Part 7		3