

HIGH IMPACT POLYSTYRENE MIRROR

WITH GOOD IMPACT RESISTENCE

APPLICATIONS: - DISPLAY ARTICLES, PRINTED SIGNS

EASY TO FORM

PS Sign/Advertising Technical Data	Value FT230	Unit	Standard	Test Conditions
Mechanical Properties				
Tensile Modulus	1850	Mpa	ISO 527	1mm/min
Yield Stress	21	Mpa	ISO 527	50mm/mm
Yeld Strain	-	%	ISO 527	50mm/mm
Strain at break	60	%	ISO 527	50mm/min
Flexural strength	38	Mpa	ISO 178	2mm/min
Flexural modulus	-	Mpa	ISO 178	2mm/min
Izod impact strength	10	Kj/kvm	ISO 180	23 grC
Izod impact strength	6,5	Kj/kvm	ISO 180	-30 grC
Ball indentation hardness	65	Mpa	ISO 2039	-
Thermal Properties				
Vicat softening temperature	99	C	ISO 306	50 N/50 grC
Temperature of deflection under load	85	C	ISO 75	0,45 Mpa
Physical Properties				
Density	1,04	g/cm3	ISO 1183	-
Burning behaviour UL 94	HB	UL Klass	UL94	1,6mm
Other Properties				
Mould shrinkage	0, 4-0,7	%	-	-
Gloss, smooth surface	-	%	-	60 degree reflection
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Delivery Programme	
Max width	1250
Tolerance, length och width	+/- 2,0 mm
Min thickness	2,0 mm
Max thickness	9.0 mm
Tolerance, thickness	+/- 0,15 mm
Embossings	Smooth
Foil	Gold, Silver, Customer demand
Colours	FT-standard, customer-demand

Product Description
High impact. Indoor applications
Applications in the area of advertising and point.

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