

PS SIGN/ADVERTISING

PS Sign/Advertising Technical Data	Value FT230	Unit	Standard	Test Conditions
Mechanical Properties				
Tensile Modulus	1850	MPa	ISO 527	1 mm/min
Yield Stress	21	MPa	ISO 527	50 mm/min
Yield Strain		%	ISO 527	50 mm/min
Strain at break	60	%	ISO 527	50 mm/min
Flexural strength	38	MPa	ISO 178	2 mm/min
Flexural modulus		MPa	ISO 178	2 mm/min
Izod impact strength	10	kJ/m ²	ISO 180	23 grC
Izod impact strength	6,5	kJ/m ²	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/cm ³	ISO 1183	
Burning behavior UL 94	HB	UL class	UL94	1,6 mm
Other Properties				
Mould shrinkage	0,4-0,7	%		
Gloss, smooth surface		%		60 degree reflection
Gloss, smooth surface		%		60 degree reflection

Delivery Programme	
Max width	1250
Tolerance, length and 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

This information is given in good faith. Due to specific circumstances, we can't control, the numbers and results may vary.

Product range PS (polystyrene)

Product type/ PS Properties	Applications	Product designation
PS Standard		
High impact strength	Basic grade for indoor use	FT200
High impact strength, fire classified	Basic grade V0	FT205
High impact strength, weather-resistant	Basic grade, also for outdoor applications	FT220
High impact strength, weather-resistant	Basic grade, also for outdoor applications	FT225
PS Sign/advertising		
High impact strength, fire-coated	Sign / advertising	FT230
PS Professional		
High impact strength, temperature-resistant, resistant to chemicals	Sanitary applications, foodstuffs, leisure	FT240