

TECHNICAL DATA SHEET

SMART-X® is a lightweight, yet very rigid all-plastic foam board with a core of expanded Polystyrene and hard surfaces of solid Polystyrene

ALLGEMEIN				
Thickness		5 mm	10 mm	19 mm
Weight of sheet (nominal)	kg/m ²	1,0 kg/m ²	1,90 kg/m ²	3,0 kg/m ²
MECHANICAL				
Property	Method	5 mm	10 mm	19 mm
Flexural strength	EN ISO 178	9.0 MPa	7.0 MPa	5.0 MPa
E-Modulus (in flexure)	EN ISO 178	580 MPa	400 MPa	200 MPa
OPTICAL				
Surface colour		white		
THERMAL				
Property	Methode	5 mm	10 mm	19 mm
Coef. Of thermal expansion	EN ISO 75-2	8 mm/m/100K		
Max. service temperature		70° C		

Note: Technical data of our products are typical ones.
The actually measured values are subject to production variations.