



Rigid PVC Sheet

Properties

Properties	Norm	Rigid PVC sheet
Thickness [mm]		1,5 ; 2,0 ; 2,5
Density [g/cm ³]	DIN EN ISO 1183	1,44 – 1,46
Tensile strength [MPa]	ISO 527 (50mm/min)	52
Tensile modulus of elasticity [MPa]	ISO 527 (50mm/min)	3000
Impact resistance [kJ/m ²] (Charpy)	ISO 179/1eU	o.B.
Flexural strength [MPa]	ISO 178 (2mm/min)	73
Flexural modulus of elasticity [MPa]	ISO 178 (2mm/min)	2750
Shore-Hardness D	ISO 868	78
Coefficient of expansion [10 ⁴ /K]	DIN 53 752	7·10 ⁻⁵
Vicat-Softening point [°C]	ISO 306 (B 50)	72
Heat distortion temperature [°C]	ISO 75-2 (1,8 Mpa)	60
Water absorption [%]	ISO 62 (after 216h)	0,1
Colour		white
Gloss level		60 ± 10
Protective film		one-sided