

Data sheet for uPVC materials



Density, g/cm ³ , DIN EN ISO 1183	1.440
Tensile modulus of elasticity, MPa, DIN EN ISO 527	3,300
Yield stress, MPa, DIN EN ISO 527	58
Elongation at yield, % , DIN EN ISO 527	4
Impact strength, kJ/m ² , DIN EN ISO 179	-
Notched impact strength Charpy, kJ/m ² , DIN EN ISO 179-1eA	4
Dielectric strength, kV/mm , DIN IEC 60243-1	39
Shore hardness D (15 s), DIN EN ISO 868	82
Mean coefficient of linear thermal expansion, K-1 , ISO 11359-2	0,8 x 10-4
Vicat B, °C , DIN EN ISO 306	74
Surface resistivity, Ohm , DIN IEC 60093	≥ 1013
Temperature range, °C	0 to +60
Fire behaviour DIN 4102	DIN 4102 B1 low flammability 1 to 4 mm
Fire behaviour UL 94	UL 94 V-0 up from 1 mm
Coefficient of heat transfer	0.13w/m2/c