

PVC Ceiling Clad - Technical Data Sheet

Properties	Test Method	Unit	Solid Sheets
Mechanical			
Density	MSZ ISO 1183	g/cm ³	1,45
Tensile Strength	MSZ EN ISO 527-1,2,3	MPa	>45
Elongation at break	MSZ EN ISO 527-1,2,3	%	>25
Modulus of elasticity	MSZ EN ISO 527-1,2,3	MPa	>3500
Impact Strength at 23°C	MSZ EN ISO 179-2	-	No break
Impact strength at -20	MSZ EN ISO 179-2	-	-
Shore D	MSZ EN ISO 868	-	80
Thermal			
Vicat B	MSZ EN ISO 306	°c	80
Linear thermal expansion coefficient	DIN 53752	k-1x10 ⁻⁴	0,7
Thermal conductivity	DIN 52612	W/Mk	0,2
Electronical			
Dielectric strength	MSZ EN ISO 60243-1	kV/mm	31
Surface resistivity	DIN 53482	Ohm	10 ¹³
General			
Fire rating	DIN 4102 (D)	-	B1
	CSI/0079/06/RF (I)	-	Class1
	NFP 92-507 (F)	-	M1
	BS 476 Part7 (GB)	-	Class1
	UL 94 (US)	-	V0
Water absorption	DIN 53495	%	0,2
Working temperature range	-	°c	5-50

The physical data contained in this table are typical values. They are obtained on test specimens under specific conditions and represent average values of a large number of tests. The results obtained on this tests specimens cannot be applied to finished parts without reservations, as behaviour is influenced by processing and shaping.