

PVC VerlaPlac

Technical data sheet

Properties	Test method	Unit	Color PVC
Mechanical properties			
Density	MSZ ISO 1183	g/cm ³	~ 0,55 - 0,70
Tensile strength	MSZ EN ISO 527-1,2	MPa	>12
Elongation at break	MSZ EN ISO 527-1,2	%	15
Modulus of elasticity	MSZ EN ISO 527-1,2	MPa	>700
Impact strength (23 °C) Unnotched	MSZ EN ISO 179-1	kJ/m ²	>6
Shore D	MSZ EN ISO 868	-	35
Thermal properties			
Vicat A	MSZ EN ISO 306	°C	68,5
		°F	155
Linear thermal expansion coefficient	ISO 11359-2	K ⁻¹ x10 ⁻⁴	0,50
Thermal conductivity	MSZ EN ISO 22007	W/mK	<0,07
Electronical properties			
Dielectric strength	MSZ EN 60243-1	kV/mm	21
Surface resistivity	MSZ EN 62631-3-2	Ohm	>10 ¹¹
General properties			
Fire rating	ISO 13501	-	C – s3, d0 (3 - 10 mm)
	DIN 4102 (D)	-	B1 (1 - 6 mm)
	CSE RF 3/77 (I)	-	Class1 (2 - 10 mm)
	NFP 92-501 (F)	-	M1 (2 - 10 mm)
	UL 94 (US)	-	V0 (1 - 10 mm)
Water absorption	MSZ EN ISO 62	%	<0,1
Working temperature range	-	°C	0-60
		°F	32-140

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This document is valid without signature.

All information in this technical data sheet is based on our best knowledge and personal experience. It should be therefore only be regarded as a guide and not be taken as any form of guarantee. It is the ultimate responsibility of the user to ensure the suitability of this product for his own particular use.