



PVC U 2000x1000x5 mm red

Artikelnr P2202248
Kategori PVC

Tekniska egenskaper

Density & Weight

Egenskap	VÄrde	Enhet	Provningsstandard
Density	1.53	g/cm³	ASTM D792

Tensile Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Tensile Strength	48.8	MPa	ASTM D638
Modulus of elasticity (tensile)	2669	MPa	ASTM D638
Breakdown Voltage	40	MPa	ISO 527
Break Elongation	14	%	ISO 527

Temperature Limits

Egenskap	VÄrde	Enhet	Provningsstandard
Melting point	189.2	°C	ASTM D3418
Maximal operating temperature (short-term)	93.3	°C	UL 746B
Maximum Operating Temperature	60	°C	
Minimum temperature	-15	°C	UL 746B
Heat deflection temperature (HDT/A)	106.7	°C	ASTM D648
Vicat softening temperature (VST/B/50)	75	°C	ISO 306

Insulation Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Dielectric Strength	40	kV/mm	IEC 60243-1
Volume Resistivity	10¹¹	Ω·cm	DIN EN 62631-3-1
Dielectric Constant (1 MHz)	3.1	-	IEC 60250
Dielectric Constant (100 Hz)	3.2	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250

Thermal Conductivity

Egenskap	Värde	Enhet	Provningsstandard
Thermal Conductivity	0.14	W/(m·K)	ISO 22007-4

Moisture Absorption

Egenskap	Värde	Enhet	Provningsstandard
Notched impact strength (Charpy)	4	kJ/mÂ²	ISO 179
Impact Resistance (Charpy)	550	kJ/mÂ²	DIN EN ISO 8256

Hardness

Egenskap	Värde	Enhet	Provningsstandard
Hardness Shore D	85	Å° Shore D	ASTM D2240
Ball pressure hardness	100	MPa	ISO 2039