PVC U 250x1000 mm vit

Artikelnr P2202094
Kategori PVC

Tekniska egenskaper

Density & Weight

Egenskap	VÃ□rde	Enhet	Provningsstandard
Density	1.53	g/cmÂ³	ASTM D792

Tensile Properties

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

Insulation Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Dielectric Strength	40	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹âµ	Î©Â·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

Flexural Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Flexural Strength	73.1	MPa	ASTM D790

Thermal Conductivity

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Conductivity	0.14	W/(mÂ·K)	ISO 22007-4

Static spread

Egenskap	VÃ□rde	Enhet	Provningsstandard
Surface Resistivity	10Â¹Â³	Î©	DIN EN 62631-3-2
Comparative Tracking Index (CTI)	600	V	IEC 60112

Moisture Absorption

Egenskap	VÃ□rde	Enhet	Provningsstandard
Water absorption to saturation	0.5	%	ASTM D570
Water Absorption to Saturation	0.5	%	ASTM D570

Impact Resistance

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

Thermal Expansion

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Expansion Coefficient	1.03	10â»â´/K	ASTM D696

Hardness

Egenskap	VÃ□rde	Enhet	Provningsstandard
Hardness Shore D	85	Â° Shore D	ASTM D2240
Ball pressure hardness	100	MPa	ISO 2039

GodkÃ¤nnanden

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