

## PVC U 2000x1000x3 mm black

Artikelnr P2201980

Kategori PVC

### Tekniska egenskaper

#### Density & Weight

Egenskap	VÄrde	Enhet	Provningsstandard
Density	1.53	g/cm <sup>3</sup>	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	Å°C	ASTM D3418
Maximal operating temperature (short-term)	93.3	Å°C	UL 746B
Maximum Operating Temperature	60	Å°C	
Minimum temperature	-15	Å°C	UL 746B
Heat deflection temperature (HDT/A)	106.7	Å°C	ASTM D648
Vicat softening temperature (VST/B/50)	75	Å°C	ISO 306

#### Insulation Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Dielectric Strength	40	kV/mm	IEC 60243-1
Volume Resistivity	10 <sup>14</sup> Åµ	Î@Å-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	V�rde	Enhet	Provningsstandard
Flexural Strength	73.1	MPa	ASTM D790

## Thermal Conductivity

Egenskap	V�rde	Enhet	Provningsstandard
Thermal Conductivity	0.14	W/(m�K)	ISO 22007-4

## Static spread

Egenskap	V�rde	Enhet	Provningsstandard
Surface Resistivity	10���	�	DIN EN 62631-3-2
Comparative Tracking Index (CTI)	600	V	IEC 60112

## Moisture Absorption

Egenskap	V�rde	Enhet	Provningsstandard
Water absorption to saturation	0.5	%	ASTM D570
Water Absorption to Saturation	0.5	%	ASTM D570

## Impact Resistance

Egenskap	V�rde	Enhet	Provningsstandard
Notched impact strength (Charpy)	4	kJ/m�	ISO 179
Impact Resistance (Charpy)	550	kJ/m�	DIN EN ISO 8256

## Thermal Expansion

Egenskap	V�rde	Enhet	Provningsstandard
Thermal Expansion Coefficient	1.03	10��/K	ASTM D696

## Hardness

Egenskap	V�rde	Enhet	Provningsstandard
Hardness Shore D	85	� Shore D	ASTM D2240
Ball pressure hardness	100	MPa	ISO 2039

## Godk nnanden

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