



PLASTSHOP

## PVC U 100x2000 mm dark grÅ¥

Artikelnr P2202040

Kategori PVC

### Tekniska egenskaper

#### Density & Weight

Egenskap	VÅrde	Enhet	Provningsstandard
Density	1.53	g/cmÅ³	ASTM D792

#### Tensile Properties

Egenskap	VÅrde	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	VÅrde	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	VÅrde	Enhet	Provningsstandard
Dielectric Strength	40	kV/mm	IEC 60243-1

Egenskap	VÄrde	Enhet	Provningsstandard
Volume Resistivity	10 <sup>14</sup> Ω·m	Ω·m	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	VÄrde	Enhet	Provningsstandard
Flexural Strength	73.1	MPa	ASTM D790

### Thermal Conductivity

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

### Static spread

Egenskap	VÄrde	Enhet	Provningsstandard
Surface Resistivity	10 <sup>14</sup> Ω	Ω	DIN EN 62631-3-2
Comparative Tracking Index (CTI)	600	V	IEC 60112

### Moisture Absorption

Egenskap	VÄrde	Enhet	Provningsstandard
Water absorption to saturation	0.5	%	ASTM D570
Water Absorption to Saturation	0.5	%	ASTM D570

### Impact Resistance

Egenskap	VÄrde	Enhet	Provningsstandard
Notched impact strength (Charpy)	4	kJ/m <sup>2</sup>	ISO 179
Impact Resistance (Charpy)	550	kJ/m <sup>2</sup>	DIN EN ISO 8256

### Thermal Expansion

Egenskap	VÄrde	Enhet	Provningsstandard
Thermal Expansion Coefficient	1.03	10 <sup>-6</sup> /K	ASTM D696

### Hardness

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

# Godkännanden

---

REACH

RoHS

UL  
94