



PC 2050x1250x6 mm transparent

Artikelnr P1200158
Kategori PC

Tekniska egenskaper

Density & Weight

Egenskap	V�rde	Enhet	Provningsstandard
Density	1.2	g/cm���	ISO 1183

Tensile Properties

Egenskap	V�rde	Enhet	Provningsstandard
Tensile Strength	75	MPa	ISO 527
Modulus of elasticity (tensile)	2400	MPa	ISO 527-2
Breakdown Voltage	60	MPa	
Break Elongation	50	%	ISO 527-2

Temperature Limits

Egenskap	V�rde	Enhet	Provningsstandard
Melting point	160	��C	ISO 3146
Maximal operating temperature (short-term)	119	��C	UL746B
Maximum Operating Temperature	113.75	��C	
Minimum temperature	-54	��C	UL746B
Heat deflection temperature (HDT/A)	130	��C	ISO 75-2
Heat deflection temperature (HDT/B)	140	��C	ISO 75
Vicat softening temperature (VST/B/50)	150	��C	ISO 306

Insulation Properties

Egenskap	V�rde	Enhet	Provningsstandard
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Egenskap	VÄrde	Enhet	Provningsstandard
Dielectric Strength	29	kV/mm	IEC 60243-1
Volume Resistivity	10 ¹⁴ Å³	Î©·Å·cm	IEC 60093
Dielectric Constant (1 MHz)	2.98	-	IEC 60250
Dielectric Constant (100 Hz)	3	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250

Fire Classification

Egenskap	VÄrde	Enhet	Provningsstandard
Flammability Classification (UL 94)	0		UL 94

Flexural Properties

Egenskap	VÄrde	Enhet	Provningsstandard
Flexural Strength	2400	MPa	ISO 178

Thermal Conductivity

Egenskap	VÄrde	Enhet	Provningsstandard
Thermal Conductivity	0.21	W/(m·K)	DIN 52612

Static spread

Egenskap	VÄrde	Enhet	Provningsstandard
Surface Resistivity	10 ¹⁴ Åµ	Î©	IEC 60093
Comparative Tracking Index (CTI)	279.2	V	IEC 60112

Moisture Absorption

Egenskap	VÄrde	Enhet	Provningsstandard
Water absorption to saturation	0.15	%	ISO 62
Water Absorption to Saturation	0.35	%	ISO 62

Impact Resistance

Egenskap	VÄrde	Enhet	Provningsstandard
Notched impact strength (Charpy)	9	kJ/m²	ISO 179/1eA

Thermal Expansion

Egenskap	VÄrde	Enhet	Provningsstandard
Thermal Expansion Coefficient	0.65	10 ⁻⁶ /K	DIN 11359

Hardness

Egenskap	V�rde	Enhet	Provningsstandard
Hardness Shore D	85	� Shore D	ISO 868
Ball pressure hardness	120	MPa	ISO 2039-1

Godk nnanden

- EU 10/2011
- FDA
- REACH
- RoHS
- UL 94