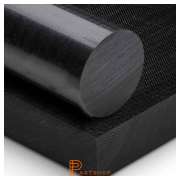

PA6 C 85x1000 mm svart

Artikelnr	P1001606
Kategori	PA

Tekniska egenskaper

Density & Weight

Egenskap	VÃ□rde	Enhet	Provningsstandard
Density	1.1	g/cmÂ³	ISO 1183

Tensile Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Tensile Strength	75	MPa	ISO 527
Modulus of elasticity (tensile)	3500	MPa	ISO 527-2
Break Elongation	25	%	ISO 527-2

Temperature Limits

Egenskap	VÃ□rde	Enhet	Provningsstandard
Melting point	220	Â°C	ISO 3146
Maximal operating temperature (short-term)	170	Â°C	
Maximum Operating Temperature	105	Â°C	
Minimum temperature	-30	Â°C	
Heat deflection temperature (HDT/A)	80	Â°C	ISO 75-2

Insulation Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Dielectric Strength	25	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹â´	Î©Â·cm	IEC 60093
Dielectric Constant (1 MHz)	3.2	-	IEC 60250

Egenskap	VÃ□rde	Enhet	Provningsstandard
Dielectric Constant (100 Hz)	3.6	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250

Flexural Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Flexural Strength	85	MPa	ISO 527-2

Thermal Conductivity

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Conductivity	0.29	W/(mÂ·K)	DIN 52612

Static spread

Egenskap	VÃ□rde	Enhet	Provningsstandard
Surface Resistivity	10Â¹Â³	Î©	IEC 60093
Comparative Tracking Index (CTI)	600	V	IEC 60112

Moisture Absorption

Egenskap	VÃ□rde	Enhet	Provningsstandard
Water absorption to saturation	2.3	%	ISO 62
Water Absorption to Saturation	6.5	%	ISO 62

Impact Resistance

Egenskap	VÃ□rde	Enhet	Provningsstandard
Notched impact strength (Charpy)	3.5	kJ/mÂ²	ISO 179/1eA

Thermal Expansion

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Expansion Coefficient	0.8	10â»â´/K	ISO 11359

Hardness

Egenskap	VÃ□rde	Enhet	Provningsstandard
Ball pressure hardness	148.3	MPa	ISO 2039-1

GodkÃ¤nnanden

REACH RoHS