



PA6 E 6x1000 mm black

Article No.	P1000801
Category	PA

Technical Properties

Density & Weight

Property	Value	Unit	Test standard
Density	1.14	g/cm ³	ISO 1183

Moisture Absorption

Property	Value	Unit	Test standard
Water absorption to saturation	2.5	%	ISO 62
Water Absorption to Saturation	9	%	ISO 62

Tensile Properties

Property	Value	Unit	Test standard
Tensile Strength	70	MPa	DIN EN ISO 527
Modulus of elasticity (tensile)	3250	MPa	ISO 527-2
Breakdown Voltage	75	MPa	ISO 527-2
Break Elongation	40	%	ISO 527-2

Flexural Properties

Property	Value	Unit	Test standard
Flexural Strength	76	MPa	ISO 527-2

Impact Resistance

Property	Value	Unit	Test standard
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Static spread

Property	Value	Unit	Test standard
Surface Resistivity	10 ¹³	Ω	IEC 60093
Comparative Tracking Index (CTI)	600	V	IEC 60112

Fire Classification

Property	Value	Unit	Test standard
Flammability Classification (UL 94)	3		UL 94