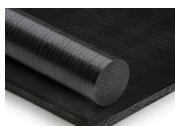




Technical Data Sheet

PlastShop.se



POM C 140x3000 mm black

Article No.	P1004990
Category	POM

Technical Properties

Density & Weight

Property	Value	Unit	Test standard
Density	1.24	g/cm³	ASTM D792

Moisture Absorption

Property	Value	Unit	Test standard
Water absorption to saturation	2.2	%	ASTM D955
Water Absorption to Saturation	0.5	%	ASTM D570

Tensile Properties

Property	Value	Unit	Test standard
Tensile Strength	51	MPa	DIN EN ISO 527-2
Modulus of elasticity (tensile)	1200	MPa	ASTM D790
Breakdown Voltage	76.5	MPa	ISO 527
Break Elongation	300	%	ASTM D638

Flexural Properties

Property	Value	Unit	Test standard
Flexural Strength	58	MPa	ASTM D638

Impact Resistance

Property	Value	Unit	Test standard
Notched impact strength (Charpy)	6	kJ/m²	DIN EN ISO 179-1

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)	60695		UL 94