

Product Texts

Tribological properties

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4000	MPa	ISO 527
Tensile Strength	85	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	4.3	%	ISO 527
Flexural modulus, 23°C	5000	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Ball indentation hardness	175	MPa	ISO 2039-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	340	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	160	°C	ISO 11357-1/-2

Electrical properties

	Value	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	3.2E12	Ohm	IEC 62631-3-2
Electric strength	25	kV/mm	IEC 60243-1

Other properties

	Value	Unit	Test Standard
Density	1340	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules