

Product Texts

Tribological properties

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3500	MPa	ISO 527
Tensile Strength	117	MPa	ISO 527
Stress at break	117	MPa	ISO 527
Strain at break	10.1	%	ISO 527
Flexural modulus, 23°C	3900	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.3	kJ/m ²	ISO 179/1eA
Ball indentation hardness	175	MPa	ISO 2039-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	170	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
Oxygen index	16	%	ISO 4589-1/-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
Water absorption	0.1	%	Sim. to ISO 62
Density	1330	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

U.V. stabilized or stable to weather

Chemical Resistance

General Chemical Resistance

Certifications

Drinking water contact