

Product Texts

- MVR (300 °C/1.2 kg) 35 cm³/10 min
- low viscosity
- improved friction characteristics
- biocompatible according to many ISO 10993-1 test requirements
- medical devices

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	35	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2350	MPa	ISO 527
^[C] Yield stress	62	MPa	ISO 527
^[C] Yield strain	5.8	%	ISO 527
^[C] Nominal strain at break	>50	%	ISO 527

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	121	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	135	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	65	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	65	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Water absorption	0.33	%	Sim. to ISO 62
^[C] Humidity absorption	0.11	%	Sim. to ISO 62
^[C] Density	1190	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Features**

Tribologic Grade

Certifications

Biocompatibility ISO 10993

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa