

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
^[C] Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.8	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2550	MPa	ISO 527
^[C] Yield stress	55	MPa	ISO 527
^[C] Yield strain	7	%	ISO 527
^[C] Nominal strain at break	50	%	ISO 527
^[C] Charpy impact strength, +23°C	160	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	150	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	5.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	166	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	140	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	140	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.6	%	Sim. to ISO 62
^[C] Humidity absorption	0.2	%	Sim. to ISO 62
^[C] Density	1400	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Delivery form

Granules

Features

Tribologic Grade, Copolymer

Certifications

Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File, Device Master File