

**Product Texts**

It contains calcium phosphates to enhance osseointegration.

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	10 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	380 / *	°C	-
Load	5 / *	kg	-

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	4350 / -	MPa	ISO 527
Tensile Strength	90 / -	MPa	ISO 527
Yield stress	90 / -	MPa	ISO 527
Yield strain	4 / -	%	ISO 527
Strain at break	10 / -	%	ISO 527
Charpy notched impact strength, +23°C	4.7 / -	kJ/m <sup>2</sup>	ISO 179/1eA
Type of failure	C / -	-	-

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	340 / *	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	145 / *	°C	ISO 11357-1/-2
<b>ASTM Data</b>			
Melting Temperature	340	°C	ASTM D 3418

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	0.4 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m <sup>3</sup>	ISO 1183
Density	1460	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Processing**

Additive Manufacturing

**Delivery form**

Monofilament, Natural Color

**Special Characteristics**

Phosphorus-free, High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat, Opaque

**Features**

Low Odor, Thermal Stability

**Chemical Resistance**

Acid Resistance, General Chemical Resistance, Solvent Resistance, Hydrolytically Stable, Oxidation Resistance, Radiation Resistance

**Certifications**

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

**Applications**

Electrical and Electronical, Medical

**Regional Availability**

Europe