

**Product Texts**

Extrusion, Injection Molding, Lubricated, Nucleated

ISO 1043 PA6

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	8 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	230 / *	°C	-
Load	2.16 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2900 / -	MPa	ISO 527
<sup>[C]</sup> Yield stress	80 / -	MPa	ISO 527
<sup>[C]</sup> Yield strain	4.2 / -	%	ISO 527
<sup>[C]</sup> Nominal strain at break	>50 / -	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	2.7 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	60 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	154 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	2.8 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1130 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding, Film Extrusion, Other Extrusion

**Additives**

Lubricants

**Delivery form**

Pellets

**Regional Availability**

North America, Europe, Asia Pacific

**Other text information****Injection molding**[Steel recommendations for molds screws and barrels](#)[Trouble shooting guideline for injection molding](#)