

Product Texts

Low Viscosity, Injection Molding

ISO 1043 PA6

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	44 / *	cm ³ /10min	ISO 1133
Temperature	230 / *	°C	-
Load	2.16 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2700 / -	MPa	ISO 527
^[C] Yield stress	78 / -	MPa	ISO 527
^[C] Yield strain	4.3 / -	%	ISO 527
^[C] Charpy notched impact strength, +23°C	5 / N	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	61 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	162 / *	°C	ISO 75-1/-2

[C]: CAMPUS

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

[C]: CAMPUS

Material specific properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Viscosity number	118 / *	cm ³ /g	ISO 307, 1157, 1628

[C]: CAMPUS

Characteristics**Processing**

Injection Molding, Other Extrusion

Regional Availability

Asia Pacific

Delivery form

Pellets

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