

Product Texts

Injection Molding

ISO 1043 PA6-I

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	30 / *	cm ³ /10min	ISO 1133
Temperature	250 / *	°C	-
Load	10 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	1450 / -	MPa	ISO 527
^[C] Yield stress	37 / -	MPa	ISO 527
^[C] Yield strain	4.4 / -	%	ISO 527
^[C] Nominal strain at break	>50 / -	%	ISO 527
^[C] Charpy notched impact strength, +23°C	100 / -	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	80 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1040 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Pellets

Regional Availability

Asia Pacific

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