

Product Texts

33% Glass Reinforced, Heat Stabilized, High Flow

ISO 1043 PA6-GF33

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10500 / 6500	MPa	ISO 527
^[C] Stress at break	170 / 120	MPa	ISO 527
^[C] Strain at break	3 / 5	%	ISO 527
^[C] Charpy notched impact strength, +23°C	9.5 / -	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	210 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	5.8 / *	%	Sim. to ISO 62
^[C] Humidity absorption	1.65 / *	%	Sim. to ISO 62
^[C] Density	1390 / *	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

North America

Other text information**Injection molding**[Injection Molding Recommendations](#)