

Product Texts

50% glass fiber reinforced, surface improved Polyamide 6.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	23.5 / *	cm ³ /10min	ISO 1133
Temperature	260 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	18000 / 10000	MPa	ISO 527
^[C] Stress at break	170 / 95	MPa	ISO 527
^[C] Strain at break	1.4 / 3.2	%	ISO 527
^[C] Charpy impact strength, +23°C	40 / 48	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	35 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6 / 9.5	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	5.2 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	202 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	217 / *	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	207 / *	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Yellow Card available	yes / *	-	-
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.2 / *	mm	-
Yellow Card available	yes / *	-	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Comparative tracking index	275 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1620 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe