

Product Texts

10% Glass Reinforced

ISO 1043 (PC+ABS)-GF10...

[XANTAR Polycarbonate & Blends, your global partner for innovative added value](#)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	16	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
^[C] Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.4	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3800	MPa	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	115	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	131	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	55	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
^[C] Oxygen index	23	%	ISO 4589-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Relative permittivity, 1MHz	3	-	IEC 62631-2-1
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	0.2	%	Sim. to ISO 62
^[C] Density	1210	kg/m ³	ISO 1183

[C]: CAMPUS

Test specimen production	Value	Unit	Test Standard
ISO Data			
^[C] Injection Molding, melt temperature	270	°C	ISO 294
Injection Molding, mold temperature	70	°C	ISO 294

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.03	%	-
Melt temperature	240 - 270	°C	-
Mold temperature	50 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	235 - 255	°C	-

XANTAR™ C CM 526

(PC+ABS)-GF10...

Mitsubishi Engineering-Plastics Corporation

Zone 3	240 - 260	°C	-
Nozzle temperature	230 - 250	°C	-

Characteristics**Processing**

Injection Molding

Additives

Release agent

Delivery form

Pellets

Regional Availability

Europe

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