

PALSAFE® PC R 05 GF10

PC-GF10

Pal Plast GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	15	cm ³ /10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2950	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	8.5	%	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	19	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, B	142	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	175	-	IEC 60112
Other properties			
Water absorption	0.275	%	Sim. to ISO 62
Humidity absorption	0.135	%	Sim. to ISO 62
Density	1280	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Electrical and Electronical

Certifications

Recycled Resin Content

Regional Availability

Europe