

TEKULON PC GF10-V0

PC-GF10

Tekuma Kunststoff GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3500	MPa	ISO 527
Yield stress	45	MPa	ISO 527
Strain at break	10	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 300	°C	-
Mold temperature	80 - 120	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Flame retardant