

Gebalon PC ULtimate G5 FR(y)

PC-GF5

geba Kunststoffcompounds GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3000	MPa	ISO 527
Yield stress	70	MPa	ISO 527
Yield strain	5	%	ISO 527
Charpy impact strength, +23°C	85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	135	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2
Vicat softening temperature, B	141	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Applications

Electrical and Electronical

Regional Availability

Europe