

Gebalon PC ULtimate G5 FR

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

Delivery form

Granules

Special Characteristics

Flame retardant, High impact or impact modified, U.V. stabilized or stable to weather

Chemical Resistance

General Chemical Resistance

Applications

Electrical and Electronical

Regional Availability

North America, Europe