

**Gebalon PC ULtimate G15 FR(y)**

PC-GF15

geba Kunststoffcompounds GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>4900</b>	MPa	ISO 527
Yield stress	<b>90</b>	MPa	ISO 527
Yield strain	<b>3.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>55</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>9</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>137</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>141</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>141</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>3.0</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1300</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Applications**

Electrical and Electronical

**Regional Availability**

Europe