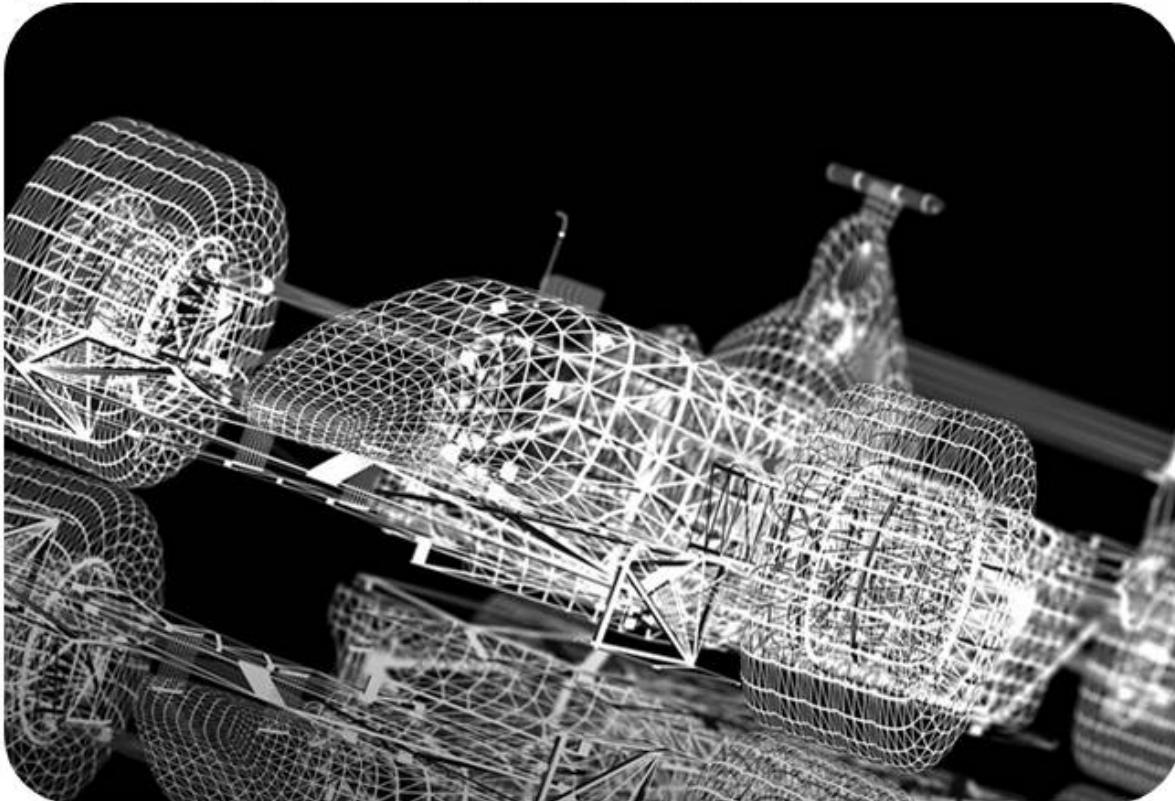


## Material Datasheet CX-PLUS

	Norm	Unit	CX-PLUS
Density (sintered)	DIN EN ISO 1183-1	g/cm <sup>3</sup>	<b>1,2 ± 0.1</b>
Young`s modulus (bending)	DIN EN ISO 178	MPa	<b>7330</b>
Bending strength	DIN EN ISO 527	MPa	<b>132</b>
Young`s modulus (tensile)	DIN EN ISO 178	MPa	<b>8300</b>
Tensile strength	DIN EN ISO 527	MPa	<b>85</b>
Ultimate elongation	DIN EN ISO 527	%	<b>3,2</b>
Melting point	DSC	°C	<b>180-185</b>
Thermostability	DIN EN ISO 75	°C	<b>170 ± 5</b>
Thermal expansion		Per Kelvin	<b>5x10<sup>-5</sup></b>
Thermal conductivity	DIN 52616	W/(mK)	<b>0,201</b>
Thermal Insulation coefficient	DIN 52616	W/(m <sup>2</sup> K)	<b>47,91</b>
Surface resistivity		Ω	<b>10<sup>3</sup>-10<sup>5</sup></b>
Electrical resistance		Ωm	<b>10<sup>5</sup>-10<sup>7</sup></b>

- please note that values can vary due to build orientation, build values and powder cycle age



For more information

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