

PC

Description

PC (Polycarbonate) is one of the strongest materials you can find on the market. It's a high-performance polymer with a unique blend of very high heat resistance and good dimensional stability.

		Test Method	Typical Value
<i>Physical Properties</i>	Specific Gravity	ISO 1183	1.2g/cc

		Test Method	Typical Value
<i>Mechanical Properties</i>	Impact Strength	ISO 179	736kJ/m ²
	Tensile Modulus	ISO 527	2350 MPa
	Elongation at Break	ISO 527	120%
	Tensile Strength	ISO 527	65 MPa
	MFI 300°C / 1.2G	ISO 1133	12g / 10 min

		Test Method	
<i>Thermal Properties</i>	Printing Temperature	-	270°C - 290°C
	Melting Temperature	ISO 294	210°C ± 10°C
	Viscat Softening Temperature	ISO 306	145°C