



DIN ISO 9001 and 14001 certified

Dynamic Micro Systems

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Polycarbonate PC

<u>Item</u>	<u>Method</u>	<u>Unit</u>	<u>PC</u>
General Item			
Specific gravity	ISO 1183	g/cm ²	1,23
Water absorption at saturation 23°C	ISO 62	%	0,3
Water absorption 23°C, 50% RH	ISO 62	%	0,1
Mechanical Items			
Tensile strength	ISO 527	MPa	115
Flexural strength	ISO 527	%	2-3
Izod impact strength	ISO 178	MPa	175
Flexural modulus of elasticity	ISO 178	GPa	6,2
Thermal Items			
Heat distortion temperature 1.81 MPa	ISO 75	°C	135°C*
Coefficient of linear thermal expansion	ISO 11359	K ⁻¹ -10 ⁻⁵	2,7
Electrical Items			
Volume resistivity	ASTM D 257	Ωcm	10E04-10E06
Surface resistivity	ASTM D257	Ω/sq	10E03-10E05

* = *estimated value*