DURACON® CH-15

POM-CF15 Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	130	MPa	ISO 527-1/-2
Strain at break	1.5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4.5	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	10000	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	163	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	10	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	2	Ohm*m	IEC 60093

Other properties	Value	Unit	Test Standard
ISO Data			
Density	1450	kg/m³	ISO 1183

Characteristics

Special Characteristics	Features
Increased electrical conductivity	Copolymer

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