



DURACON® CH-10			
POM-CF10			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8800	MPa	ISO 527-1/-2
Tensile Strength	116	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	3	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	7500	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	20	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	400	Ohm*m	IEC 60093
Surface resistivity	8000	Ohm	IEC 60093
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1440	kg/m³	ISO 1183
Characteristics			
Special Characteristics		Features	
Increased electrical conductivity		Copolymer	