



DURACon® CH-20 POM-CF20			
Polyplastics			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14000	MPa	ISO 527-1/-2
Tensile Strength	144	MPa	ISO 527-1/-2
Strain at break	1.5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	12000	MPa	ISO 178
Thermal properties			
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	80	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
UL recognition	UL	-	-
Electrical properties			
ISO Data			
Volume resistivity	3	Ohm*m	IEC 60093
Surface resistivity	100	Ohm	IEC 60093
Other properties			
ISO Data			
Density	1470	kg/m ³	ISO 1183
Characteristics			
Special Characteristics		Features	
Increased electrical conductivity		Copolymer	