



DURACON® SF-20			
POM			Polyplastics
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1300	MPa	ISO 527-1/-2
Tensile Strength	33	MPa	ISO 527-1/-2
Strain at break	>50	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	20	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	1200	MPa	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	62	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	140	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	140	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	5E11	Ohm*m	IEC 60093
Surface resistivity	5E14	Ohm	IEC 60093
Electric strength	18	kV/mm	IEC 60243-1
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1280	kg/m ³	ISO 1183
Characteristics			
Special Characteristics		Features	
High impact or impact modified		Copolymer	