



DURACon® GM-20 POM-GF20				Polyplastics
Mechanical properties				
ISO Data	Value	Unit	Test Standard	
Tensile Modulus	3800	MPa	ISO 527-1/-2	
Tensile Strength	55	MPa	ISO 527-1/-2	
Strain at break	5.5	%	ISO 527-1/-2	
Charpy notched impact strength (+23°C)	3.6	kJ/m ²	ISO 179/1eA	
Flexural modulus (23°C)	3500	MPa	ISO 178	
Thermal properties				
ISO Data	Value	Unit	Test Standard	
Temp. of deflection under load (1.80 MPa)	112	°C	ISO 75-1/-2	
Coeff. of linear therm. expansion, parallel	90	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				
ISO Data	Value	Unit	Test Standard	
Volume resistivity	2E12	Ohm*m	IEC 60093	
Surface resistivity	>1E15	Ohm	IEC 60093	
Electric strength	21	kV/mm	IEC 60243-1	
Other properties				
ISO Data	Value	Unit	Test Standard	
Density	1540	kg/m ³	ISO 1183	
Characteristics				
Features				
Low Warpage, Copolymer				