

Bakelite® PF 4041			
PF-GF	Momentive Specialty Chemicals		
Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Charpy impact strength (+23°C)	12.5	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	10500	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load, 8.00 MPa	165	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Relative permittivity, 100Hz	6	-	IEC 60250
Dissipation factor, 100Hz	500	E-4	IEC 60250
Volume resistivity	1E9	Ohm*m	IEC 60093
Surface resistivity	1E10	Ohm	IEC 60093
Electric strength	30	kV/mm	IEC 60243-1
Other properties			
ISO Data			
Density	1610	kg/m ³	ISO 1183
Characteristics			
Processing	Chemical Resistance		
Injection Molding, Compression Molding	General Chemical Resistance		
Special Characteristics	Applications		
Heat stabilized or stable to heat	Electrical and Electronical		