



Bakelite® UP 3480			
UP-GF			Momentive Specialty Chemicals
Rheological properties			
ISO Data	Value	Unit	Test Standard
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Charpy impact strength (+23°C)	7	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6.5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	14500	MPa	ISO 178
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 8.00 MPa	195	°C	ISO 75-1/-2
Electrical properties			
ISO Data	Value	Unit	Test Standard
Relative permittivity, 100Hz	5.5	-	IEC 60250
Dissipation factor, 100Hz	50	E-4	IEC 60250
Volume resistivity	1E12	Ohm*m	IEC 60093
Surface resistivity	1E13	Ohm	IEC 60093
Electric strength	22.5	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
ISO Data	Value	Unit	Test Standard
Density	2100	kg/m ³	ISO 1183
Characteristics			
Processing	Special Characteristics		
Injection Molding, Compression Molding	Heat stabilized or stable to heat		