



Bakelite® UP 3420			
UP-GF			Momentive Specialty Chemicals
Rheological properties			
ISO Data	Value	Unit	Test Standard
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Charpy impact strength (+23°C)	10	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	13500	MPa	ISO 178
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 8.00 MPa	220	°C	ISO 75-1-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	IEC 60695-11-10
UL recognition	UL	-	-
Electrical properties			
ISO Data	Value	Unit	Test Standard
Relative permittivity, 100Hz	5	-	IEC 60250
Dissipation factor, 100Hz	100	E-4	IEC 60250
Volume resistivity	1E11	Ohm*m	IEC 60093
Surface resistivity	1E12	Ohm	IEC 60093
Other properties			
ISO Data	Value	Unit	Test Standard
Density	2000	kg/m ³	ISO 1183
Characteristics			
Special Characteristics	Applications		
Flame retardant	Electrical and Electronical		