

Rheological properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	7	cm <sup>3</sup> /10min	ISO 1133
Temperature	280	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527-1/-2
Stress at break	50	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Flexural modulus, 23°C	3000	MPa	ISO 178
Izod Impact unnotched, 23°C	45	kJ/m <sup>2</sup>	ISO 180/1U
Ball indentation hardness	130	MPa	ISO 2039-1
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	135	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	145	°C	ISO 75-1/-2
Vicat softening temperature, A	160	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	150	°C	ISO 306
Coeff. of linear therm. expansion, parallel	40	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	60	E-6/K	ISO 11359-1/-2
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
Oxygen index	32	%	ISO 4589-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.75	mm	-
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Relative permittivity, 1MHz	3	-	IEC 60250
Dissipation factor, 1MHz	30	E-4	IEC 60250
Volume resistivity	1E13	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
Electric strength	16	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112
<b>Other properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Water absorption	0.5	%	Sim. to ISO 62
Humidity absorption	0.06	%	Sim. to ISO 62
Density	1250	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant

### Applications

Electrical and Electronical

### Regional Availability

Europe, Near East/Africa