

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	60	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	58	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Rockwell hardness	R 123	-	ISO 2039-2
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	694	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	122	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	136	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306
Vicat softening temperature, B	143	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Oxygen index	35	%	ISO 4589-1/-2
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	64.8	E-6/K	ASTM D 696

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	125	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	260 - 280	°C	-
Mold temperature	70 - 100	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

Flame retardant, Phosphorus-free

### Applications

IT / Business Machine, Electrical and Electronical

### Regional Availability

North America, Asia Pacific, South and Central America