

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	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
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	62	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2350	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	25	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	65	kJ/m ²	ISO 180/1A
Rockwell hardness	R118	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	123	°C	ISO 75-1/-2
Vicat softening temperature, B	146	°C	ISO 306
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.0	mm	-
Oxygen index	40	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	17	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	260 - 300	°C	-
Mold temperature	70 - 100	°C	-

Characteristics

Processing

Injection Molding

Additives

Release agent

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

Europe, Near East/Africa

Special Characteristics

Flame retardant, Phosphorus-free, Heat stabilized or stable to heat