

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	58	MPa	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Vicat softening temperature, A	149	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.5	mm	-
Optical properties			
ASTM Data			
Light Transmittance	89	%	ASTM D 1003
Other properties			
Density	1200	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Special Characteristics

Flame retardant, Phosphorus-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat, Transparent

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

Europe, Asia Pacific, Near East/Africa