

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	230	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	19000	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	238	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	225	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1770	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 120	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Mold temperature	120 - 140	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 270	°C	-
Zone 3	265 - 275	°C	-
Nozzle temperature	270 - 280	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific