

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15800	MPa	ISO 527
Stress at break	192	MPa	ISO 527
Strain at break	1.7	%	ISO 527
Flexural modulus, 23°C	15100	MPa	ISO 178
Flexural strength	312	MPa	ISO 178
Charpy impact strength, +23°C	64	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	242	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	17	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	52	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

Other properties	Value	Unit	Test Standard
Density	1620	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3	h	-
Mold temperature	120 - 140	°C	-
Zone 1	270	°C	-
Zone 2	275	°C	-
Zone 3	280	°C	-
Nozzle temperature	280	°C	-
Screw speed	60 - 150	rpm	-
Injection pressure	20 - 150	MPa	-

Characteristics

Processing

Injection Molding

Features

Low Warpage

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa