

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	10	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3950	MPa	ISO 527
Yield stress	63	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	19	%	ISO 527
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
Izod notched impact strength	7	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	94	°C	ISO 75-1/-2
Vicat softening temperature, B	108	°C	ISO 306
Coeff. of linear therm. expansion, parallel	48	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	59	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1300	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	260	°C	-
Mold temperature	80	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Applications

Aircraft and Aerospace

Regional Availability

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