

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	36	MPa	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	13	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Izod notched impact strength	5	kJ/m ²	ISO 180/1A
Temperature	-23	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	80 ^[ann.]	°C	ISO 11357-1/-2
Vicat softening temperature, B	93	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
Glow Wire Flammability Index (GWFI)	850	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Special Characteristics

Flame retardant, Halogen-free