

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0076	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Stress at break	135	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Flexural modulus, 23°C	8400	MPa	ISO 178
Charpy notched impact strength, +23°C	8.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	HB 3.2	class mm	IEC 60695-11-10 -
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Other properties			
Density	1510	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.12	%	-
Melt temperature	270 - 290	°C	-
Mold temperature	70 - 90	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 270	°C	-
Zone 3	280 - 290	°C	-
Nozzle temperature	280 - 285	°C	-
Screw speed	50 - 80	rpm	-
Back pressure	0.4 - 0.8	MPa	-
Holding pressure	6 - 8	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Black

Regional Availability

Europe