

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Yield stress	38	MPa	ISO 527
Stress at break	32	MPa	ISO 527
Strain at break	8	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	102	°C	ISO 306
Vicat softening temperature, B	94	°C	ISO 306
Burning behav. at 1.5 mm nom. thckn.	V-0	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)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Glow Wire Ignition Temperature (GWIT)	750	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.2	mm	-
Electrical properties			
ISO Data	Value	Unit	Test Standard
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	30	kV/mm	IEC 60243-1
Comparative tracking index	500	-	IEC 60112
Other properties			
Density	1180	kg/m ³	ISO 1183

Characteristics

Processing

Other Extrusion

Regional Availability

Europe

Special Characteristics

Flame retardant, Halogen-free