

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	40	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
Izod notched impact strength	5	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	84	°C	ISO 75-1/-2
Vicat softening temperature, A	97	°C	ISO 306
Vicat softening temperature, B	93	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.8	mm	-
Yellow Card available	yes	-	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-
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	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	25	kV/mm	IEC 60243-1
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant, Halogen-free, Light stabilized or stable to light, U.V. stabilized or stable to weather

Regional Availability

Europe