

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Yield stress	43	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Flexural strength	67	MPa	ISO 178
Charpy impact strength, +23°C	120	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	16	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	16	kJ/m ²	ISO 180/1A
Izod notched impact strength	7	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Rockwell hardness	R 104	-	ISO 2039-2
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	103	°C	ISO 306
Vicat softening temperature, B	94	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
GWIT - thickness tested (1)	675	mm	-
Glow Wire Ignition Temperature (GWIT)	2	°C	IEC 60695-2-13
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1040	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	1 - 2	h	-
Melt temperature	210 - 240	°C	-
Mold temperature	30 - 60	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Anti-static, High impact or impact modified, U.V. stabilized or stable to weather

Applications

General Purpose, Refrigeration

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Certifications

RoHS compliant