

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	365	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Yield strain	6	%	ISO 527
Strain at break	80	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	85	MPa	ISO 178
Izod notched impact strength, +23°C	55	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	220	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	207	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Water absorption	1.1	%	Sim. to ISO 62
Density	1300	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	140 - 160	°C	-
Pre-drying - Time	8	h	-
Mold temperature	160	°C	-
Zone 1	330	°C	-
Zone 2	345	°C	-
Zone 3	350	°C	-
Nozzle temperature	355	°C	-

Characteristics

Processing

Injection Molding

Certifications

Food contact

Delivery form

Black

Regional Availability

Asia Pacific

Special Characteristics

Heat stabilized or stable to heat