

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	48	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Stress at break	46	MPa	ISO 527
Strain at break	1.7	%	ISO 527
Charpy impact strength, +23°C	13	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	1.6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	134	°C	ISO 11357-1/-2
Temp. of deflection under load, 0.45 MPa	127	°C	ISO 75-1/-2
Vicat softening temperature, B	133	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
Optical properties			
ISO Data			
Luminous transmittance	91.4	%	ISO 13468-1, -2
Other properties			
Water absorption	0.01	%	Sim. to ISO 62
Density	1020	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific

Applications

General Purpose