

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	43	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	33	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	14	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	34	kJ/m ²	ISO 180/1A
Izod notched impact strength	14	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	97	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Vicat softening temperature, A	107	°C	ISO 306
Vicat softening temperature, B	100	°C	ISO 306
Coeff. of linear therm. expansion, parallel	95	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Other properties			
Water absorption	0.95	%	Sim. to ISO 62
Humidity absorption	0.21	%	Sim. to ISO 62
Density	1030	kg/m ³	ISO 1183

Characteristics

Processing

Other Extrusion

Applications

Refrigeration

Delivery form

Pellets

Regional Availability

Asia Pacific