

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	15	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2800	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	15	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	148	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	134	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2
Vicat softening temperature, B	143	°C	ISO 306
Electrical properties			
ISO Data			
Electric strength	30	kV/mm	IEC 60243-1
Comparative tracking index	175	-	IEC 60112
Other properties			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.13	%	Sim. to ISO 62
Density	1290	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe