

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	140	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	3700	MPa	ISO 527
Yield stress	75	MPa	ISO 527
Yield strain	8	%	ISO 527
Flexural modulus, 23°C	320	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	243	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other properties			
Water absorption	8.6	%	Sim. to ISO 62
Humidity absorption	3.2	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

North America, Europe

Features

Copolymer