

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955
Mechanical properties			
ISO Data	Value	Unit	Test Standard
Yield stress	18	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	200	%	ISO 527
Flexural modulus, 23°C	900	MPa	ISO 178
Izod notched impact strength, +23°C	38	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Vicat softening temperature, B	55	°C	ISO 306
Burning rate, FMVSS, Thickness 1 mm	38	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
Electrical properties			
ISO Data	Value	Unit	Test Standard
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Electric strength	24	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Value	Unit	Test Standard	
Density	900	kg/m ³	ISO 1183

Characteristics

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Regional Availability

Europe

Features

Copolymer