

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9400	MPa	ISO 527
Stress at break	130	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.6	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.4	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
ASTM Data			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Volume Resistivity	1E12	Ohm*cm	ASTM D 257
Other properties			
Water absorption	2.64	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1390	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Flame retardant

Features

Low Odor

Regional Availability

Europe