

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	6	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	5 -30	kJ/m ² °C	ISO 180/1A -
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Vicat softening temperature, B	255	°C	ISO 306
Burning behav. at thickness h Thickness tested	V-0 3.2	class mm	IEC 60695-11-10 -
ASTM Data			
UL 94 Flame rating Thickness tested	V-0 1.6	- mm	UL 94 -
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	250	-	IEC 60112
Other properties			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.7	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant

Features

Thermal Stability

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe