

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	22000	MPa	ISO 527
Stress at break	130	MPa	ISO 527
Strain at break	0.8	%	ISO 527
Charpy impact strength, +23°C	18	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Rockwell hardness	M123	-	ISO 2039-2
ASTM Data			
Taber Abrasion Resistance	70	mg/1000 cycles	ASTM D 1044
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	280	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	90	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	270	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	5.1	-	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	20	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112
Other properties			
Humidity absorption	0.02	%	Sim. to ISO 62
Density	1970	kg/m ³	ISO 1183

Characteristics

Delivery form

Natural Color

Regional Availability

Europe