

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	8200 / -	MPa	ISO 527
Tensile Strength	75 / -	MPa	ISO 527
Strain at break	3 / -	%	ISO 527
Flexural modulus, 23°C	7500 / -	MPa	ISO 178
Charpy impact strength, +23°C	35 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	3 / -	kJ/m ²	ISO 180/1A
Ball indentation hardness	200 / -	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	150 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	205 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	205 / *	°C	ISO 306
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.2 / *	mm	-
Electrical properties			
ISO Data			
Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2
Other properties			
ISO Data			
Humidity absorption	1.03 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Granules, Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Building Construction, Electrical and Electronical

Regional Availability

Europe