

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	15000 / 9000	MPa	ISO 527
Stress at break	210 / 150	MPa	ISO 527
Strain at break	3.1 / 4.5	%	ISO 527
Flexural modulus, 23°C	12500 / 9000	MPa	ISO 178
Charpy impact strength, +23°C	45 / 55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.5 / 7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Electrical properties			
ISO Data			
Volume resistivity	10 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1000	Ohm	IEC 62631-3-2
Other properties			
Density	1230 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	80 - 110	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific