

Product Texts

20% glass fibre reinforced, heat stabilized Polyamid 6, UV-stabilized.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	6900 / 3400	MPa	ISO 527
^[C] Stress at break	141 / 80	MPa	ISO 527
^[C] Strain at break	4 / 15	%	ISO 527
^[C] Charpy impact strength, +23°C	65 / N	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	54 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	8 / 25	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	7 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	>1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1270 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat