

Product Texts

15% glass fiber reinforced and impact modified Polyamide 6 with high melt strength for blowmoulding processing.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	5000 / 2300	MPa	ISO 527
^[C] Stress at break	86 / 55	MPa	ISO 527
^[C] Strain at break	7 / 24	%	ISO 527
^[C] Charpy impact strength, +23°C	70 / N	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	60 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12 / 36	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	6 / -	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	165 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	205 / *	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	195 / *	°C	ISO 306

[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	1200 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Blow Molding

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa