

Product Texts

20% Glass Reinforced, Heat Stabilized, Blow Molding Grade

ISO 1043 (PA66+PA6)-GF20

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	7050 / 3600	MPa	ISO 527
^[C] Stress at break	135 / 57	MPa	ISO 527
^[C] Strain at break	3.5 / 20	%	ISO 527
^[C] Charpy impact strength, +23°C	74 / 95	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	63 / 41	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12 / 14	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	6 / 3	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	255 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	218 / *	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	130 / *	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	2.6 / *	%	Sim. to ISO 62
^[C] Density	1270 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Blow Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Other text information**Injection molding**[Injection Molding Recommendations](#)**Blow molding**[Blow Molding Recommendations for Akulon® Diablo PA66 grades](#)