

CAMPUS® Datasheet

ALTECH PA6 A 3030/109 GB30 - PA6-GB30

ALBIS Plastic GmbH



Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass beads
Special Features	high heat stabilised, easy release (demoulding), low warpage, high flow
Typical Applications	housings, clothing / fasteners

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	4200	MPa	ISO 527-1/-2
Charpy impact strength, +23 °C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23 °C	3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, 50 °C/h 50N	203	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Other text information

Injection molding

Pre-Drying Conditions 80 °C in a dry air (dessiccant) dryer
for 2-12 h
dependant on moisture content
max. moisture content <0,15 %

Processing Conditions injection moulding melt temperature 270-290 °C
injection moulding mould temperature 80-100 °C

Storage dry, protected from light
not above 30 °C

These are guide values and not a specification. Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. It does not exempt the buyer from carrying out his own investigations and tests in order to ascertain the products' specific suitability for the purpose intended.

The buyer is solely responsible for the application, utilisation and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party.

The test values mentioned are guide values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimen and they can be affected by pigmentation, mould design and processing conditions.

ALBIS expressly advises against the use of this product in any medical, pharmaceutical or diagnostic application. At all times our Conditions of Sale apply.