

CAMPUS® Datasheet



ALTECH PA66 A 2015/900 GF15 - PA66-GF15
MOCOM Compounds GmbH & Co. KG

Product Texts				
Base Polymer	Polyamide 66			
Filler/Additive System	15 % glass fibres			
Special Features	heat stabilised, good flow			
Typical Applications	various			
Mechanical properties		Value	Unit	Test Standard
Tensile modulus		5700	MPa	ISO 527-1/-2
Charpy impact strength, +23°C		24	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C		4	kJ/m ²	ISO 179/1eA
Thermal properties		Value	Unit	Test Standard
Temp. of deflection under load, 1.80 MPa		230	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N		250	°C	ISO 306
Other properties		Value	Unit	Test Standard
Density		1250	kg/m ³	ISO 1183

Other text information

Injection molding

Pre-Drying Conditions 80 °C in a dry air (desiccant) dryer
for 2-12 h
dependant on moisture content
max. moisture content <100,00 %

Processing Conditions injection moulding melt temperature 280-300 °C
injection moulding mould temperature 80-120 °C

Storage dry, protected from light
not above 30°C

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

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- Medical devices described in list A according IVDD (98/79/EG) or risk class D in EU 2017/746 in vitro diagnostic medical devices (IVDR)
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

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