

# CAMPUS® Ficha de especificação



ALCOM PA6 900/1 GF20 SV1180-10MCF - PA6-GF20

MOCOM Compounds GmbH & Co. KG

## Informação do produto

Base Polymer	Polyamide 6
Filler/Additive System	20 % glass fibres
Special Features	metallic effect, low tendency to flow lines
Market Segment	Automotive, Machinery, electrical and electronic
Typical Applications	housings

Propriedades mecânicas	Seco/Cond	Unidade	Método de ensaio
Módulo de tração	7200 / -	MPa	ISO 527-1/-2
Tensão na ruptura	115 / -	MPa	ISO 527-1/-2
Deformação na ruptura	3 / -	%	ISO 527-1/-2
Resistência ao impacto Charpy , +23°C	40 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Res. impacto Charpy c/entalhe, +23°C	6.5 / -	kJ/m <sup>2</sup>	ISO 179/1eA

Propriedades térmicas	Seco/Cond	Unidade	Método de ensaio
Temperatura de deflexão térmica, 1.80 MPa	205 / *	°C	ISO 75-1/-2

Outras propriedades	Seco/Cond	Unidade	Método de ensaio
Densidade	1320 / -	kg/m <sup>3</sup>	ISO 1183

## Características

### Processamento

Moldagem por injeção

### Disponibilidade regional

América do Norte, Europa, Ásia Pacífico, Oriente/África

## Outras informações

### Moldagem por injeção

Pre-Drying Conditions      in a dry air (dessiccant) dryer >80 °C  
for 2-12 h  
dependant on moisture content

Processing Injection Moulding      melt temperature 270-290 °C  
mould temperature 80-100 °C

### Disclaimer

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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- risk class III applications according to EU directive 93/42/EEC or EU Medical Device Regulation (MDR) 2017/745 or risk class 3 FDA
- 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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