

**AKROLOY® PA GF 50 8 natural (6606)**

(PA66+PA6I/6T)-GF50

Akro-Plastic GmbH

**Product Texts**

Alternative for zinc- and aluminium diecast alloys.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	18000	MPa	ISO 527
Stress at break	285	MPa	ISO 527
Strain at break	2.7	%	ISO 527
Flexural modulus, 23°C	16000	MPa	ISO 178
Flexural strength	420	MPa	ISO 178
Charpy impact strength, +23°C	110	kJ/m <sup>2</sup>	ISO 179/1eU

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	210	°C	ISO 75-1/-2

**Other properties**

	Value	Unit	Test Standard
Density	1570	kg/m <sup>3</sup>	ISO 1183

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Certifications**

Drinking water contact

**Delivery form**

Natural Color

**Regional Availability**

Europe, Asia Pacific