

AKROLOY® PA GF 50 natural (6414)

(PA66+PA6I/6T)-GF50

Akro-Plastic GmbH

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	17000	MPa	ISO 527
Stress at break	275	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Charpy impact strength, +23°C	110	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	185	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1560	kg/m ³	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

Regional Availability

Europe, Asia Pacific

Delivery form

Natural Color