

AKROLOY® PA GF 60 black (6765)

(PA66+PA6I/6T)-GF60

Akro-Plastic GmbH

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	20000 / 19500	MPa	ISO 527
Stress at break	290 / 240	MPa	ISO 527
Strain at break	2.1 / 2.1	%	ISO 527
Flexural modulus, 23°C	20000 / -	MPa	ISO 178
Flexural strength	420 / -	MPa	ISO 178
Charpy impact strength, +23°C	90 / 90	kJ/m ²	ISO 179/1eU

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	235 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1690 / -	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

Black