AKROLOY® PA GF 60 natural (6465)

(PA66+PA6I/6T)-GF60 Akro-Plastic GmbH

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	**21000 / 20000**	MPa	ISO 527
Stress at break	**280 / 230**	MPa	ISO 527
Strain at break	**2.4 / 2.4**	%	ISO 527
Charpy impact strength, +23°C	**100 / 100**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**19 / 19**	kJ/m²	ISO 179/1eA

Thermal properties	dry / cond	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	**193 / ***	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10
Thickness tested	**1.6 / ***	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	**1720 / -**	kg/m³	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