

AKROMID® A3 GF 50 8 HU black (8116)

PA66-GF50

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	17400 / 13400	MPa	ISO 527
Stress at break	265 / 190	MPa	ISO 527
Strain at break	2.9 / 3.9	%	ISO 527
Charpy impact strength, +23°C	115 / 120	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	24 / 29	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	260 / *	°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
Water absorption	4.3 / *	%	Sim. to ISO 62
Density	1570 / -	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

Certifications

Food contact

Delivery form

Black

Regional Availability

Europe, Asia Pacific