

AKROMID® A3 GF 40 8 black (6522)

PA66-GF40

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	1.2 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	13000 / 9800	MPa	ISO 527
Stress at break	230 / 160	MPa	ISO 527
Strain at break	3.2 / 4.2	%	ISO 527
Charpy impact strength, +23°C	100 / 105	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	17 / 20	kJ/m ²	ISO 179/1eA
Thermal properties			
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
Temp. of deflection under load, 0.45 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			
Water absorption	4.7 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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