

AKROMID® B3 GF 40 4 L black (7636)

(PA6+PP)-GF40

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	11500 / 9000	MPa	ISO 527
Stress at break	155 / 115	MPa	ISO 527
Strain at break	3.5 / 5	%	ISO 527
Charpy impact strength, +23°C	75 / 70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18.5 / 19.5	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	1360 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270	°C	-
Mold temperature	80	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific