

AKROMID® B3 GF 40 RM-M black (3534)

PA6-GF40...

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	13000 / 10000	MPa	ISO 527
Stress at break	195 / 135	MPa	ISO 527
Strain at break	2.5 / 3.5	%	ISO 527
Charpy impact strength, +23°C	75 / 75	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	70 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	16 / 17	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	16 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	160 / *	°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	1500 / -	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

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific