

**AKROMID® B3 GF 40 S1 black (3384)**

PA6-GF40

Akro-Plastic GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>12000</b>	MPa	ISO 527
Stress at break	<b>185</b>	MPa	ISO 527
Strain at break	<b>4.5</b>	%	ISO 527
Flexural modulus, 23°C	<b>10400</b>	MPa	ISO 178
Flexural strength	<b>280</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>120</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>120</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>22</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>19</b>	kJ/m <sup>2</sup>	ISO 179/1eA

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

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified

**Applications**

Automotive

**Regional Availability**

Europe, Asia Pacific