

**AKROMID® B3 GF 45 1 black (3446)**

PA6-GF45

Akro-Plastic GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>14500</b>	MPa	ISO 527
Stress at break	<b>200</b>	MPa	ISO 527
Strain at break	<b>4.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>110</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>95</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>220</b>	°C	ISO 11357-1/-3
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E11</b>	Ohm*m	IEC 62631-3-1
<b>Other properties</b>			
Density	<b>1500</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</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**

Heat stabilized or stable to heat

**Applications**

Automotive, Sports Equipment

**Regional Availability**

Europe, Asia Pacific