

**AKROMID® T9 GF 50 black (7693)**

PPA-GF50

Akro-Plastic GmbH

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>17000 / 17000</b>	MPa	ISO 527
Stress at break	<b>240 / 220</b>	MPa	ISO 527
Strain at break	<b>2.2 / 2.2</b>	%	ISO 527
Charpy impact strength, +23°C	<b>80 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>12 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>305 / *</b>	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn. Thickness tested	<b>HB / *</b> <b>1.6 / *</b>	class mm	IEC 60695-11-10 -

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1560 / -</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>340</b>	°C	-
Mold temperature	<b>130</b>	°C	-
Injection pressure	<b>75</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Chemical Resistance**

General Chemical Resistance

**Delivery form**

Black

**Regional Availability**

Europe, Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat