

**AKROMID® T9 GF 15 S1 black (7820)**

PPA-GF15

Akro-Plastic GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>5000</b>	MPa	ISO 527
Stress at break	<b>120</b>	MPa	ISO 527
Strain at break	<b>4</b>	%	ISO 527
Charpy impact strength, +23°C	<b>73</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>55</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>11</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</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
Temp. of deflection under load, 1.80 MPa	<b>249</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	<b>122</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

<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**

High impact or impact modified