

**AKROMID® T5 GF 40 6 black (8002)**

PPA-GF40

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	16000 / 16000	MPa	ISO 527
Stress at break	245 / 230	MPa	ISO 527
Strain at break	2.4 / 2.4	%	ISO 527
Charpy impact strength, +23°C	80 / 80	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	11 / 11	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	325 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	280 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1500 / -	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific