

**AKROMID® B3 GF 40 6 ECO black (8167)**

PA6-GF40

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	12300 / -	MPa	ISO 527
Stress at break	195 / -	MPa	ISO 527
Strain at break	2.9 / -	%	ISO 527
Charpy impact strength, +23°C	85 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / -	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Water absorption	5.7 / *	%	Sim. to ISO 62
Density	1460 / -	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Certifications**

Recycled Resin Content

**Delivery form**

Black

**Applications**

Automotive

**Features**

Laser Markable

**Regional Availability**

Europe, Asia Pacific