

**AKROMID® A3 GF 40 2 L black (7500)**

(PA66+PP)-GF40

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.5 / *	%	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	10600 / 7800	MPa	ISO 527
Stress at break	150 / 110	MPa	ISO 527
Strain at break	2.8 / 3.7	%	ISO 527
Charpy impact strength, +23°C	70 / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	15 / -	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3

Other properties	dry / cond	Unit	Test Standard
Density	1360 / -	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

U.V. stabilized or stable to weather

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific