

AKROMID® A28 LGF 60 1 black (6890)

PA66-GF60

Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	23000	MPa	ISO 527
Stress at break	270	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Charpy impact strength, +23°C	100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB 1.6	class mm	IEC 60695-11-10 -

Other properties	Value	Unit	Test Standard
Density	1710	kg/m ³	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

High impact or impact modified, Heat stabilized or stable to heat

Features

Fatigue Resistance, Long fiber reinforced

Applications

Automotive

Regional Availability

Europe, Asia Pacific