

AKROMID® B3 GF 30 6 black (6673)

PA6-GF30

Akro-Plastic GmbH

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	10000 / 6000	MPa	ISO 527
Stress at break	175 / 105	MPa	ISO 527
Strain at break	3 / 5.5	%	ISO 527
Charpy impact strength, +23°C	95 / 105	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13 / 18	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	150 / *	°C	ISO 75-1/-2
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
Density	1360 / -	kg/m ³	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

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat