

AKROMID® B3 GF 30 2 white (3783)

PA6-GF30

Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9700	MPa	ISO 527
Stress at break	175	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	8100	MPa	ISO 178
Flexural strength	245	MPa	ISO 178
Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	9	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°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	Value	Unit	Test Standard
Density	1400	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

Special Characteristics

U.V. stabilized or stable to weather

Delivery form

White

Regional Availability

Europe, Asia Pacific