

AKROMID® B3 GF 45 natural (2820)

PA6-GF45

Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15000	MPa	ISO 527
Stress at break	225	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	100	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	220	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	180	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1500	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

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Sports Equipment

Regional Availability

Europe, Asia Pacific