

AKROMID® B28 GF 30 9 natural (6614)

PA6-GF30

Akro-Plastic GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10300	MPa	ISO 527
Stress at break	185	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	95	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA

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	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 thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	6.9	%	Sim. to ISO 62
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

Natural Color

Regional Availability

Europe, Asia Pacific