

AKROMID® B3 GF 60 4 RM-M natural (4645)

PA6-GF60...

Akro-Plastic GmbH

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	21500 / 17000	MPa	ISO 527
Stress at break	235 / 175	MPa	ISO 527
Strain at break	2 / 2.7	%	ISO 527
Flexural modulus, 23°C	20500 / -	MPa	ISO 178
Flexural strength	350 / -	MPa	ISO 178
Charpy impact strength, +23°C	65 / 65	kJ/m ²	ISO 179/1eU

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225 / *	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	600 / -	-	IEC 60112

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

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific