

AKROMID® A3 GF 50 HU grey (6601)

PA66-GF50

Akro-Plastic GmbH

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	17000 / 12500	MPa	ISO 527
Stress at break	255 / 180	MPa	ISO 527
Strain at break	2.9 / 3.5	%	ISO 527
Charpy impact strength, +23°C	110 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Yellow Card available	yes / *	-	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Yellow Card available	yes / *	-	-

Other properties	dry / cond	Unit	Test Standard
Density	1580 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe, Asia Pacific