

**AKROMID® A3 GF 60 HU natural (6452)**

PA66-GF60

Akro-Plastic GmbH

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	20500 / 15800	MPa	ISO 527
Stress at break	270 / 190	MPa	ISO 527
Strain at break	2.4 / 2.5	%	ISO 527
Charpy impact strength, +23°C	105 / 107	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / 22	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
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	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.4 / *	mm	-
<b>Electrical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Comparative tracking index	600 / -	-	IEC 60112
<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1710 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Delivery form**

Natural Color

**Regional Availability**

Europe, Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat