

AKROMID® A3 GM 15/15 black (1073)

PA66-(GF+GB)30

Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	7600 / 4600	MPa	ISO 527
Stress at break	145 / 90	MPa	ISO 527
Strain at break	3 / 8	%	ISO 527
Flexural modulus, 23°C	7500 / 6200	MPa	ISO 178
Flexural strength	220 / 155	MPa	ISO 178
Charpy impact strength, +23°C	41 / 75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	244 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	263 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Comparative tracking index	500 / -	-	IEC 60112
Other properties			
Water absorption	5.6 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific

Features

Low Warpage