

AKROMID® B3 GF 30 1 GIT black (5650)

Polyamide 6
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 GF 30 1 GIT black (5650) is a 30% glass fibre reinforced, heat stabilised polyamide 6 with high stiffness and strength for gas injection technology.
Applications are engineering parts, which are produced by gas injection technology. Furthermore B3 GF 30 1 GIT black (5650) can be used for standard injection moulding for demanding surface quality.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Heat Stabilized		
	High Stiffness		
	High Strength		
Uses	Engineering Parts		
Appearance	Black		
Processing Method	Gas-Assisted Injection Molding		
	Injection Molding		
Resin ID (ISO 1043)	PA6 GF30		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.36	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9400	MPa	ISO 527-2/1
Tensile Stress (Break)	180	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	220	°C	DIN EN 11357-1
Flammability	Nominal Value	Unit	Test Method
Burning Rate ² (1.00 mm)	< 100	mm/min	FMVSS 302
Flame Rating (0.800 mm)	HB		UL 94
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content	30	%	ISO 1172
NOTE			
1.	10 K/min, DSC		
2.	>1 mm		

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Recommended distributors for this material

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