

AKROMID® B3 GF 10 S1 black (2878)

Polyamide 6
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 GF 10 S1 black (2878) is a 10% glass fibre reinforced, cold impact strength polyamide 6 with medium stiffness and strength
Applications are highly integrated housings in the automotive, electro and furniture industry

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Good Impact Resistance		
	Good Stiffness		
	Medium Strength		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Furniture		
	Housings		
Appearance	Black		
Resin ID (ISO 1043)	PA6-I GF10		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.18	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2/1
Tensile Stress (Break)	100	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	222	°C	DIN EN 11357-1
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
NOTE			
1.	10 K/min, DSC		

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