

AKROMID® B3 GF 50 2 S1 black (3050)

Polyamide 6
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 GF 50 2 S1 black (3050) is a 50% glass fibre reinforced, UV-stabilised, cold impact strength polyamide 6 with very high rigidity and strength
Applications are mainly components in mechanical engineering and in the automotive industry

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	High Rigidity		
	High Strength		
	Low Temperature Impact Resistance		
Uses	Engineered Applications		
Appearance	Black		
Resin ID (ISO 1043)	PA6-I GF50		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.54	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15000	MPa	ISO 527-2/1
Tensile Stress (Break)	195	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	20	kJ/m ²	
23°C	27	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	110	kJ/m ²	
23°C	110	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	220	°C	DIN EN 11357-1
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content	50	%	ISO 1172
NOTE			
1.	10 K/min, DSC		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

