

AKROMID® B3 GF 30 2 black (2211)

Polyamide 6
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 GF 30 2 black (2211) is a 30% glass fibre reinforced, UV-stabilised polyamide 6 with high stiffness and strength. Applications are mainly components in mechanical engineering and in the automotive industry

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Features	High Stiffness		
	High Strength		
Uses	Engineered Applications		
Appearance	Black		
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	10500	MPa	ISO 527-2/1
Tensile Stress (Break)	180	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	75	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	222	°C	DIN EN 11357-1
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Burning Rate ² (1.00 mm)	< 100	mm/min	FMVSS 302
Flame Rating (1.60 mm)	HB		UL 94
NOTE			
1.	10 K/min, DSC		
2.	>1 mm		

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

