

AKROMID® B3 GF 30 2 TM black (5244)

Polyamide 6
AKRO-PLASTIC GmbH

Message:

AKROMID® B3 GF 30 2 TM black (5244) is a 30% glass fiber reinforced, UV-stabilized polyamide 6
Applications are mainly components in technical, tribological engineering and the automotive industry.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	UV Stabilizer		
Uses	Automotive Applications		
	Engineered Applications		
Appearance	Black		
Resin ID (ISO 1043)	PA6 GF30		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9100	MPa	ISO 527-2/1
Tensile Stress (Break)	150	MPa	ISO 527-2/5
Tensile Strain (Break)	2.5	%	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)	65	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	220	°C	DIN EN 11357-1
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content	30	%	ISO 1172
NOTE			
1.	10 K/min, DSC		

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