

AKROMID® A3 GF 35 S1 black (2717)

Polyamide 66
AKRO-PLASTIC GmbH

Message:

AKROMID® A3 GF 35 S1 black (2717) is a 35% glass fibre reinforced and cold impact strength polyamide 6.6 with high stiffness and strength
Applications are impact resistance parts in the automotive industry and mechanical engineering

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Features	Good Impact Resistance		
	High Stiffness		
	High Strength		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
Appearance	Black		
Resin ID (ISO 1043)	PA66-I GF35		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ISO 527-2/1
Tensile Stress (Break)	195	MPa	ISO 527-2/5
Tensile Strain (Break)	3.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	17	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	100	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	260	°C	DIN EN 11357-1
NOTE			
1.	10 K/min, DSC		

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