

# AKROMID® A3 GF 30 2 RM-D black (5388)

Polyamide 66  
AKRO-PLASTIC GmbH

Message:

AKROMID® A3 GF 30 2 RM-D black (5388) is a 30% glass fibre reinforced, UV-stabilised polyamide 6.6 with limited moisture absorption. Applications are parts in the automotive industry, where good adhesion to soft components is required.

| General Information                     |                                  |       |                |
|-----------------------------------------|----------------------------------|-------|----------------|
| Filler / Reinforcement                  | Glass Fiber,30% Filler by Weight |       |                |
| Additive                                | UV Stabilizer                    |       |                |
| Features                                | Good Adhesion                    |       |                |
|                                         | Low Moisture Absorption          |       |                |
| Uses                                    | Automotive Applications          |       |                |
| Appearance                              | Black                            |       |                |
| Resin ID (ISO 1043)                     | PA66 + ABS GF30                  |       |                |
| Mechanical                              | Nominal Value                    | Unit  | Test Method    |
| Tensile Modulus                         | 9500                             | 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)   | 13                               | 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 <sup>1</sup>        | 262                              | °C    | DIN EN 11357-1 |
| Additional Information                  | Nominal Value                    | Unit  | Test Method    |
| Reinforcement Content                   | 30                               | %     | ISO 1172       |
| NOTE                                    |                                  |       |                |

1. 10 K/min, DSC

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