

AKROMID® A3 GF 30 S1 black (5947)

PA66-GF30

Akro-Plastic GmbH

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 9000 | MPa | ISO 527 |
| Stress at break | 165 | MPa | ISO 527 |
| Strain at break | 3.5 | % | ISO 527 |
| Charpy impact strength, +23°C | 90 | kJ/m ² | ISO 179/1eU |

| Thermal properties | Value | Unit | Test Standard |
|-------------------------------|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 260 | °C | ISO 11357-1/-3 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1340 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Melt temperature | 320 | °C | - |
| Mold temperature | 100 | °C | - |
| Injection pressure | 75 | MPa | - |

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific

Special Characteristics

High impact or impact modified