

AKROMID® A3 GF 30 4 L black (4678)

(PA66+PP)-GF30

Akro-Plastic GmbH

| Processing/Physical Characteristics | dry / cond | 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 | dry / cond | Unit | Test Standard |
|---------------------------------------|-------------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 8600 / 7000 | MPa | ISO 527 |
| Stress at break | 150 / 110 | MPa | ISO 527 |
| Strain at break | 2.8 / 4 | % | ISO 527 |
| Flexural modulus, 23°C | 8600 / - | MPa | ISO 178 |
| Flexural strength | 220 / - | MPa | ISO 178 |
| Charpy impact strength, +23°C | 70 / 66 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 16 / 16 | kJ/m ² | ISO 179/1eA |

| Thermal properties | dry / cond | Unit | Test Standard |
|------------------------------------------|------------|-------|-----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 262 / * | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 246 / * | °C | ISO 75-1/-2 |
| Burning behav. at thickness h | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 0.8 / * | mm | - |

| Other properties | dry / cond | Unit | Test Standard |
|------------------|------------|-------------------|---------------|
| Density | 1260 / - | 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

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable