

AKROMID® A3 GF 15 1 GIT black (4620)

PA66-GF15

Akro-Plastic GmbH

| Processing/Physical Characteristics | dry / cond | Unit | Test Standard |
|--------------------------------------------|-------------------|-------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.4 / * | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.0 / * | % | ISO 294-4, 2577 |

| Mechanical properties | dry / cond | Unit | Test Standard |
|---------------------------------------|--------------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 5500 / 3500 | MPa | ISO 527 |
| Stress at break | 125 / 80 | MPa | ISO 527 |
| Strain at break | 3 / 12 | % | ISO 527 |
| Charpy impact strength, +23°C | 40 / 75 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 7 / 8 | kJ/m ² | ISO 179/1eA |

| Thermal properties | dry / cond | Unit | Test Standard |
|-------------------------------|-------------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 255 / * | °C | ISO 11357-1/-3 |
| Burning behav. at thickness h | HB / * | class | IEC 60695-11-10 |
| Thickness tested | 0.8 / * | mm | - |

| Other properties | dry / cond | Unit | Test Standard |
|-------------------------|-------------------|-------------------|----------------------|
| Density | 1240 / - | 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

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black

Regional Availability

Europe, Asia Pacific