

## Technical Data Sheet

# Arsamide66 GF-I 25193

**Product Type:** Reinforced PA66 for injection molding

**Product Description:** Arsamide66 GF-I 25193 is reinforced glass fiber PA66 designed for injection molding process. The product provides an excellent balance of mechanical & process ability and features a long-term heat-stability.

### General

|                |                                               |
|----------------|-----------------------------------------------|
| Material       | • Polyamide66 reinforced with 30% glass fiber |
| Process Method | • Injection                                   |
| Color          | • Black                                       |

| Physical | Test Method | Test Condition | Value       | Unit               |
|----------|-------------|----------------|-------------|--------------------|
| Density  | ASTM D792   | 23 °C          | <b>1.32</b> | gr/cm <sup>3</sup> |

| Mechanical                | Test Method | Test Condition  | Value      | Unit              |
|---------------------------|-------------|-----------------|------------|-------------------|
| Tensile Strength at Break | ASTM D638   | 5 mm/min        | <b>125</b> | MPa               |
| Tensile Strain at Break   | ASTM D638   | 5 mm/min        | <b>3</b>   | %                 |
| Izod Impact Strength      | ASTM D256   | Notched at 23°C | <b>18</b>  | kJ/m <sup>2</sup> |

- All mentioned information in this technical data sheet present current knowledge and experience of Arsam Lab. Naturally, these data do not guarantee certain values since may vary on customers processing conditions, so they are provided for reference purposes only and should not be used alone to create specification limits and design basis.

### Recommended Processing Condition:

- Zone Setting are as follows: 260-280°C
- Mold Surface Temperature: 60-90°C
- Drying Temperature: 80 °C
- Drying Time: 2 to 4 hrs