

Technical Data Sheet

Arsamide66 GF-I 25045

Product Type: Reinforced PA66 for injection molding

Product Description: Arsamide66 GF-I 25045 is reinforced glass fiber PA66 designed for injection molding process. The product provides an excellent balance of mechanical & process ability and features a high long-term heat-stability.

General

Material	• Polyamide66 reinforced with 45% glass fiber
Process Method	• Injection
Color	• Black

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.45	gr/cm ³
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Break	ASTM D638	5 mm/min	145	MPa
Tensile Strain at Break	ASTM D638	5 mm/min	2.5	%
Izod Impact Strength	ASTM D256	Notched at 23°C	22	kJ/m ²

- 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