

# Technical Test Report

## Arsamide66 W GF-I 25169

**Product Type:** Arsamide66 W GF-I 25169 is natural polyamide66 with 15% Glass Fiber

**Product Description:** Arsamide66 W GF-I 25169 is a natural PA66 with 15% GF designed for injection molding process.

The product provide an excellent balance of mechanical & process ability and features a high long-term heat-stability.

Typical Properties		Test Method	Test Condition	Value	Unit
	General				
Material				Polyamide66 filled with 15% GF	
Process Method				Injection	
Color				White	
Physical					
Density		ASTM D 792	(23 °C)	1.2	g/cm3
Ash/Filler/ TD Content		ASTM D 5630	(600 °C)	14.3	%
Mechanical					
Tensile Strength at Break		ASTM D 638	(5mm/min)	120	MPa
Tensile strain at Break		ASTM D 638	(5mm/min )	4.5	%
Izod Impact Strength		ASTM D 256	Notched at 23°C	20	KJ/m²

- All mentioned information in this technical data sheet present current knowledge and experience of Arsam. 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.

### Processing Conditions:

- Recommended Zone Setting are as follows: (260-280) °C
- Mold Surface Temperature: (60-90) °C
- Pre-drying is necessary for materials and dryer operation at 80 degC is recommended. Drying time 2-4 hour is generally sufficient