

Technical Test Report

Arsamide6 GF-I 25013

Product Type: Arsamide6 GF-I 25013 is polyamide with 25% Glass Fiber

Product Description: Arsamide6 GF-I 25013 is a black 25% glass fiber modified **PA6** designed for injection molding process.

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

Production Name	Arsamide6 GF-I 25013
Customer Name	
Lot Number	
Date of Production	

Typical Properties	Test Method	Test Condition	Value	Unit
General				
Material			Polyamide6 filled with 25% GF	
Process Method			Injection	
Color			Black	
Physical			Test 1	
Density	ASTM D 792	(23 °C)	-	g/cm3
Ash/Filler/ GF Content	ASTM D 5630	(600 °C)	23-27	%
Mold Shrinkage	ASTM D 955	-	-	%
Mechanical				
Tensile Strength at Break	ASTM D 638	(5mm/min)	60 <	MPa
Tensile Strength Yield	ASTM D 638	(5mm/min)	58 <	MPa
Tensile strain at Break	ASTM D 638	(5mm/min)	9 <	%
Tensile strain at Yield	ASTM D 638	(5mm/min)	8 <	%
Izod Impact Strength	ASTM D 256	Notched at 23°C	170 <	J/m
Izod Impact Strength	ASTM D 256	Notched at 23°C	17 <	KJ/m ²

- The data contained in this publication are based on our current knowledge and experience.
- Pre-drying is necessary for materials and dryer operation at 80 degC is recommended. Drying time 2-4 hours is generally sufficient.