

Technical Datasheet

Arsamide6 HI-I 25035

Product Type: High Impact polyamide for injection molding.

Product Description: Arsamide6 HI-I 25035 is polyamide6 with better mechanical properties, High Impact, dimensional stability, stiffness, good heat and chemical resistance. This compound is used in appliance industry, automotive applications, electrical goods, housewares and other utility products. This grade is designed to be processed in conventional injection molding techniques.

Production Name	Arsamide6 HI-I 25035
Customer Name	
Lot Number	
Date of Production	

Typical Properties	Test Method	Test Condition	Value	Unit
General				
Material			High Impact Polyamide6	
Process Method			Injection	
Color			Black	
Mechanical				
Tensile Strength at Break	ASTM D 638	(5 mm/min)	42<	MPa
Tensile Strength Yield	ASTM D 638	(5 mm/min)	40<	MPa
Tensile strain at Break	ASTM D 638	(5 mm/min)	50<	%
Tensile strain at Yield	ASTM D 638	(5 mm/min)	8<	%
Izod Impact Strength	ASTM D 256	Notched at 23°C	400<	J/m
Izod Impact Strength	ASTM D 256	Notched at 23°C	41<	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.