

Technical Data Sheet

Arsapylene N. GF-I 11037

Product Type: Reinforced polypropylene for injection molding

Product Description: Arsapylene N. GF-I 11037 is a natural color 30% reinforced glass fiber Polypropylene designed for injection molding process. The product provides an excellent balance of mechanical & processability and features as high long-term heat-stability.

General				
Material	• Polypropylene Reinforced with glass fibers			
Process Method	• Injection			
Color	• Natural			
Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.10	gr/cm ³
Melt Flow Index	ASTM D1238	230°C, 2.16 kg	6	gr/10min
Hardness	ASTM D 2240	23 °C	70	Shore D
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Break	ASTM D638	5 mm/min	75	MPa
Tensile Strain at Break	ASTM D638	5 mm/min	4	%
Izod Impact Strength	ASTM D256	Notched at 23°C	20	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:

- Recommended Zone Setting are as follows: (200-230) °C
- Mold Surface Temperature: (50-65)°C
- Pre-drying is necessary for materials and dryer operation at 80 °C is recommended.
- Drying time 1-2 hour is generally sufficient.