

Technical Data Sheet

Arsapylene N. GF-I 11189

Product Type: Reinforced polypropylene for injection molding

Product Description: Arsapylene N. GF-I 11189 is a natural color 20% reinforced glass fiber polypropylene. The product provides an excellent balance of mechanical & processability. This compound is designed to be used for profiles, pipes and tough sheet for industrial application.

General

Material	• Polypropylene reinforced with glass fibers
Process Method	• Injection
Color	• Natural

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.01	gr/cm ³
Melt Flow Index	ASTM D1238	230°C, 2.16 kg	0.5	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	54	MPa
Tensile Strain at Break	ASTM D638	5 mm/min	5	%
Izod Impact Strength	ASTM D256	Notched at 23°C	30	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: 200 to 230 °C
- Mold Surface Temperature: 50 to 65 °C
- Drying Temperature: 70 to 80 °C
- Drying Time: 1 to 2 hrs