

## Technical Data Sheet

### Arsaelast I 21001

**Product Type:** PP-EPDM

**Product Description:** Arsaelast I 21001 is a blend of polypropylene and EPDM. This compound is used in automotive application and other utility products.

#### General

Material • PP + EPDM blend

Process Method • Injection

Color • Black

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	0.97	gr/cm <sup>3</sup>
Hardness	ASTM D2240	23 °C	64	Shore D
Melt Flow Index	ASTM D1238	230°C, 2.16 kg	10	gr/10min
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Yield	ASTM D638	50 mm/min	20	MPa
Tensile Strain at Break	ASTM D638	50 mm/min	20	%
Izod Impact Strength	ASTM D256	Notched at 23°C	8	kJ/m <sup>2</sup>

- 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: 190 to 220 °C
- Mold Surface Temperature: 40 to 60°C
- Drying Temperature: 70 °C
- Drying Time: 1 to 2 hrs