

## Technical Data Sheet

# Arsaelast I 21021

**Product Type:** PP/EPDM

**Product Description:** Arsaelast I 21021 is a polyolefin base thermoplastic elastomer. It is made of well dispersed elastomeric phase in a polyolefin matrix. This compound is design to be used in automotive industry specially Air bag cover.

### General

Material	• PP + EPDM blend
Process Method	• Injection
Color	• Black

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	0.89	gr/cm <sup>3</sup>
Hardness	ASTM D 2240	23 °C, 15 s	43	Shore D
Melt Flow Index	ASTM D1238	230°C, 2.16 kg	8	gr/10min
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Break	ASTM D638	500 mm/min	11	MPa
Tensile Strain at Break	ASTM D638	500 mm/min	300 ≤	%
Izod Impact Strength	ASTM D256	Notched at 23°C	N.B	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