

Technical Data Sheet

Arsablend I 43006

Product Type: Polyethylene compound for injection molding

Product Description: Arsablend I 43006 is a natural polyethylene compound designed to be used in automotive industry.

General

Material • PE Compound

Process Method • Injection

Color • Natural

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	0.94	gr/cm ³
Ash/Filler	ASTM D5630	500 °C	-	%
Hardness	ASTM D 2240	23 °C	62	Shore D
Melt Flow Index	ASTM D1238	190°C, 21.6 kg	11	gr/10min
Mechanical	Test Method	Test Condition	Value	Unit
Tensile Strength at Yield	ASTM D638	50 mm/min	22	MPa
Tensile Strain at Yield	ASTM D638	50 mm/min	7	%
Tensile Strain at Break	ASTM D638	50 mm/min	80	%
Izod Impact Strength	ASTM D256	Notched at 23°C	45	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: 190 to 230 °C
- Mold Surface Temperature: 40 to 60°C
- Drying Temperature: 70 °C
- Drying Time: 1 to 2 hrs