

Technical Data Sheet

Arsapylene TA-E 11043

Product Type: Mineral filled polypropylene for injection molding

Product Description: Arsapylene TA-E 11043 is an enhanced polypropylene filled with 30% talc powder, offering good Impact, dimensional stability, stiffness, good heat and chemical resistance. This compound is designed to be used in automotive industry.

General

Material • Polypropylene filled with Talc

Process Method • Extrusion

Color • Black

Physical	Test Method	Test Condition	Value	Unit
Density	ASTM D792	23 °C	1.1	gr/cm ³
Melt Flow Index	ASTM D1238	230°C, 2.16 kg	0.5	gr/10min
Melt Flow Index	ASTM D1238	230°C, 5 kg	1.8	gr/10min
Hardness	ASTM D 2240	23 °C		Shore D

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	4.5	%
Tensile Strength at Break	ASTM D638	50 mm/min	20	MPa
Tensile Strain at Break	ASTM D638	50 mm/min	300<	%
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:

- Zone Setting are as follows: 190 to 230 °C
- Drying Temperature: 70 °C
- Drying Time: 1 to 2 hrs