

PRODUCT DATA SHEET

08.07.2015 Ed.6



Polypropylene ME268AI

Polypropylene Compound, Mineral Filled

Description

ME268AI is a 20% mineral filled polypropylene compound intended for injection moulding.

Applications

ME268AI has been developed especially for the car industry to be used in automotive interior parts.

Dashboards
Pillar trims

Other automotive interior parts

Special Features

No tendency to show stickiness after outdoor exposure

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	1050 kg/m ³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	12 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	2.400 MPa	ISO 178
Tensile Strength (50 mm/min)	26 MPa	ISO 527-2
Heat Deflection Temperature B (0,45 MPa)	115 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	6 kJ/m ²	ISO 179/1eA
Charpy Impact Strength, notched (-20 °C)	2 kJ/m ²	ISO 179/1eA

Values determined on standard injection moulded specimens conditioned at 23°C and 50% relative humidity after at least 96 hours storage time.

Application Related and Other Tests

Property	Typical Value	Test Method
Data should not be used for specification work		
Fogging (100 °C,16 h)	< 2 mg	DIN 75201
Emission	< 50 µgC/g	VDA 277

Processing Techniques

This product is easy to process with standard injection moulding machines.

Injection Moulding

Following moulding parameters should be used as guidelines:

Feeding temperature 40 - 80 °C

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Mass temperature
Holding pressure
Back pressure
Mould temperature
Screw speed
Flow front speed

220 - 260 °C
30 - 60 bar
Low to medium
30 - 50 °C
Low to medium
100 - 200 m/min

Storage

ME268AI should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.

Safety

The product is not classified as dangerous.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety of the product. For more information, contact your Borealis representative.

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of recovery and disposal of the product.

Regional Availability

Europe

For information on regional availability please contact Borealis Sales Representative.

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ME268AI**Disclaimer**

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

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No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.

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