



**Polypropylene**

**Daplen™ EF267AIB**

Polypropylene TPO Compound

## Description

**Daplen EF267AIB** is a 20% mineral filled polypropylene compound intended for injection moulding.

## Applications

**Daplen EF267AIB** has been developed especially for the car industry to be used in automotive interior parts.

Dashboards  
Door panels and pockets

Center consoles  
Other automotive interior parts

## Special features

Very good scratch resistance  
Excellent stiffness

Good impact strength

## Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density (23 °C)	1040 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	19 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	2.380 MPa	ISO 178
Flexural Strength	35 MPa	ISO 178
Tensile Modulus (1 mm/min) (23 °C)	2.500 MPa	ISO 527-2
Tensile Stress at Yield (50 mm/min) (23 °C)	27 MPa	ISO 527-2
Heat Deflection Temperature Edgewise (1,82 MPa)	56 °C	ISO 75-2
Heat Deflection Temperature Edgewise (0,45 MPa)	104 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	6,4 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Impact Strength, notched (-30 °C)	2,4 kJ/m <sup>2</sup>	ISO 179/1eA
Izod Impact Strength, notched (23 °C)	6 kJ/m <sup>2</sup>	ISO 180/1A
Izod Impact Strength, notched (-30 °C)	2,6 kJ/m <sup>2</sup>	ISO 180/1A

## Combustion Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Flammability at thickness 1 mm	Max100 mm/min	ISO 3795

## Processing Techniques

The actual conditions will depend on the type of equipment used.

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# Daplen EF267AIB

Daplen EF267AIB is easy to process with standard injection moulding machines. To avoid residual humidity from transport or storage, the material should be pre-dried approximately 2h at 95° - 105°C. Following parameters should be used as guidelines:

Melt temperature	220 - 260 °C
Holding pressure	50-70% of injection pressure
Mould temperature	30 - 60 °C
Injection speed	Medium

## Storage

**Daplen EF267AIB** 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, recovery and disposal 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.

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