

## Polypropylene

# Daplen™EE342AEB

Polypropylene Compound, Mineral Filled

### Description

Daplen™EE342AEB is a 33% mineral filled polypropylene compound intended for injection moulding.

### Applications

Daplen EE342AEB has been developed especially for the automotive industry.

Cowl vent grilles

Exterior automotive parts

### Special Features

UV stabilised

Stiffness and impact balance at ambient temperatures

### Physical Properties

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

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	1170 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	15 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	2.300 MPa	ISO 178
Tensile Stress at Yield (50 mm/min)	20 MPa	ISO 527-2
Heat Deflection Temperature B (0,45 MPa)	100 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	20 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Impact Strength, notched (-20 °C)	4 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Impact Strength, notched (-30 °C)	2,5 kJ/m <sup>2</sup>	ISO 179/1eA

### Processing Techniques

Daplen EE342AEB is easy to process with standard injection moulding machines. Following moulding parameters should be used as guidelines:

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Drying	95 - 105 °C
Melt temperature	220 - 260 °C
Holding pressure	50-70% of injection pressure
Mould temperature	30 - 60 °C
Injection speed	Medium

### Storage

Daplen EE342AEB 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.

### 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 contact your Borealis representative for more details on recycling.

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### Regional Availability

South America

For information on regional availability please contact Borealis Sales Representative.

### Disclaimer

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