



Polypropylene ME466WG

Description

ME466WG is a 40% mineral filled polypropylene compound intended for injection moulding. The product is available in 9020 white.

Applications

Tubs for washing machines
Washing machine parts

Basement for washing machines, dishwashers and dryers

Special Features

ME466WG has been developed especially for the white goods industry.

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	1190 kg/m ³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	12 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	4.400 MPa	ISO 178
Tensile Strength (50 mm/min)	30 MPa	ISO 527-2
Heat Deflection Temperature B (0,45 MPa)	129 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	2,3 kJ/m ²	ISO 179/1eA

Processing Techniques

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

Injection Moulding

This product 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 80°C. Following parameters should be used as guidelines:

Melt temperature range	210 - 260 °C
Holding pressure	50 - 70 MPa
Mould temperature	30 - 50 °C
Injection speed	Medium

Storage

ME466WG should be stored in dry conditions at temperatures below 60°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.

Daplen is a trademark of the Borealis group.

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 Polypropylene
ME466WG**Safety**

The product is not classified as dangerous and is intended for industrial use only.

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

Regional Availability

Europe

For information on regional availability please contact Borealis Sales Representative.

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.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.

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It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

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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