PRODUCT DATA SHEET

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Polypropylene
ZP961
Polypropylene Compound

Description
ZP961 is a polypropylene copolymer intended for injection moulding, extrusion and blow moulding.

Applications
ZP961 has been developed especially for applications like:

Break fluid reservoirs
Hydraulic tanks

Special Features

Very good stiffness
Very good dimensional stability
Very good chemical resistance
Very good heat deformation resistance

Physical Properties

Property	Typical Value Data should not be used for specification work	Test Method
Density (23 °C)	900 kg/m³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	0,7 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	1.500 MPa	ISO 178
Tensile Stress at Yield (50 mm/min)	34 MPa	ISO 527-2
Heat Deflection Temperature B (0,45 MPa)	90 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	20 kJ/m²	ISO 179/1eA
Charpy Impact Strength, notched (-20 °C)	3 kJ/m²	ISO 179/1eA

Combustion Properties

Property	Typical Value Data should not be used for specification work	Test Method
Flammability at thickness 3 mm	Max100 mm/min	ISO 3795

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

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Barrel	200 - 230 °C
Melt temperature	190 - 230 °C
Holding pressure	50-70% of injection pressure
Mould temperature	20 - 40 °C
Injection speed	Low to medium

Storage
ZP961 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.

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Manufacturer website: https://www.borealisgroup.com/

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Safety
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.

Regional Availability
South America
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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