

# Polypropylene BJ368MO

Polypropylene Heteroplastic Copolymer for Injection moulding

## Description

**BJ368MO** is a polypropylene copolymer characterized by good flow, and optimum combination of high stiffness and high impact strength.

The material is nucleated with Borealis Nucleation Technology (BNT). Flow properties, nucleation and good stiffness give potential for cycle time reduction. The material have good antistatic performance and good mould release properties.

**CAS-No.** 9010-79-1

## Applications

Thin wall containers

## Special features

stiffness and impact balance  
Good flow behaviour

Reduced cycle time and increased output

## Physical Properties

| Property                                 | Typical Value         | Test Method |
|--|-----------------------|-------------|
| Density                                  | 905 kg/m <sup>3</sup> | ISO 1183    |
| Melt Flow Rate (230 °C/2, 16 kg)         | 70 g/10min            | ISO 1133    |
| Flexural Modulus                         | 1.400 MPa             | ISO 178     |
| Tensile Modulus (50 mm/min)              | 1.500 MPa             | ISO 527-2   |
| Tensile Strain at Yield (50 mm/min)      | 4 %                   | ISO 527-2   |
| Tensile Stress at Yield (50 mm/min)      | 25 MPa                | ISO 527-2   |
| Heat Deflection Temperature              | 100 °C                | ISO 75-2    |
| Charpy Impact Strength, notched (23 °C)  | 5,5 kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Impact Strength, notched (-20 °C) | 3,5 kJ/m <sup>2</sup> | ISO 179/1eA |

## Processing Techniques

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

Following moulding parameters should be used as guidelines:

Melt temperature 210 - 260 °C  
Holding pressure 200 - 500 bar  
Mould temperature 10 - 30 °C  
Injection speed High



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## Storage

**BJ368MO** 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 products.

## 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.

## Related Documents

The following related documents are available, and represent various aspects of the products. If the data sheets could not be found on the web, Borealis contact person could supply with information.

"Safety data sheet" / "Product safety information sheet"

General statement on compliance to food contact regulations

Statement on chemicals, regulations and standards

## 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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