

## Polypropylene

# RJ988MO

### Polypropylene Random Copolymer

#### Description

RJ988MO is a transparent polypropylene random ethylene copolymer with high melt flow. This clarified product is designed for high speed injection moulding at low temperature and contains antistatic additives.

This polymer is a CR (controlled rheology) grade with narrow molecular weight distribution giving low warpage. Products originating from this grade have excellent transparency and gloss, and good balance of stiffness and impact strength at ambient temperatures

Cas No. 9010-79-1

#### Typical characteristics

RJ988MO can be described with following typical characteristics:

Excellent flow behaviour	Good gloss
Excellent process ability	Good stiffness and impact balance
Very good optical properties	

#### Applications

RJ988MO is intended for following applications:

Houseware	Products with complicated geometry
Lids	Transparent storage crates and boxes

Articles with rather long and narrow flow lengths

#### Physical properties

Property	Typical value *	Unit	Test method
Density	905	kg/m <sup>3</sup>	ISO 1183-1
Melt flow rate (230 °C/2.16 kg)	80	g/10min	ISO 1133-1
Flexural modulus	1250	MPa	ISO 178
Tensile modulus (1 mm/min)	1300	MPa	ISO 527-2
Charpy impact strength, notched (23 °C)	3,5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Heat deflection temperature B (0.45 MPa)	84	°C	ISO 75-2

\* Data should not be used for specification work

#### Processing techniques

RJ988MO is easy to process with standard injection moulding machines.

#### Packaging and storage

RJ988MO should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which can result in odour generation and colour changes and can have negative effects on the physical properties of this product.

#### Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website [www.borealisgroup.com](http://www.borealisgroup.com).

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### Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency.

Further information on sustainability and Design for Recycling (DfR) can be found from our websites [www.borealisgroup.com](http://www.borealisgroup.com) and [www.borealiseverminds.com](http://www.borealiseverminds.com).

### 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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