



## Description

**RB206MO-06** is a random copolymer with good transparency and contact clarity, very good gloss and surface finish The high stiffness of this grade allows for a reduction in cycle time. This grade also features high heat distortion temperature. The additives are optimized to provide reduced tendency for mould plate-out.

## Applications

Monolayer and multilayer bottles in the food or cosmetic industry (hot filling)

# **Special features**

High stiffness Improved gloss and excellent transparency Good contact clarity Low plate out

# **Physical Properties**

Property	Typical Value Data should not be used for specific	Test Method cation work
Density	902 kg/m3	ISO 1183
Bulk density	500 - 600 kg/m3	
Melt Flow Rate (230 °C/1,9 kg)	1,9 g/10min	ISO 1133
Tensile Modulus	1.150 MPa	ISO 527-2
Tensile Strain at Yield (50 mm/min)	12 %	ISO 527-2
Tensile Stress at Yield (50 mm/min)	26 MPa	ISO 527-2
Heat Deflection Temperature (0,45 MPa)	86 °C	ISO 75-2
Charpy Impact Strength, notched (23 °C)	7 kJ/m²	ISO 179/1eA

# **Processing Techniques**

Following parameters should be used as guidelines:

RB206MO-06 is easy to extrude and can be used in all conventional blow-moulding machinesBarrel190 - 220 °CDie180 - 220 °CMelt temperature180 - 220 °C

## Storage

**RB206MO-06** 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.

HongRong Engineering Plastics Co.,Ltd. Head Office Tel. +85–2–6957–5415 Research Center Tel.+188 1699 6168







## Safety

The product is not classified as a dangerous preparation.

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.

#### **Related Documents**

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

"Safety data sheet" / "Product safety information sheet" Recovery and disposal of polyolefins Information on emissions from processing and fires Statement on chemicals, regulations and standards Statement on compliance to food contact regulations

#### 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.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

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 Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

HongRong Engineering Plastics Co.,Ltd. Head Office Tel. +85–2–6957–5415 Research Center Tel.+188 1699 6168

