

**Polypropylene****Beta ( $\beta$ )-PP™ BE60-7032****1. Identification of the substance/preparation and the company/undertaking**

**Trade name:** Borealis Polypropylene Beta ( $\beta$ )-PP BE60-7032  
**Intended use:** raw material for plastic industry  
**Manufacturer:** Borealis

**2. Composition/information on ingredients**

The product is a polypropylene homopolymer (CAS No. 9003-07-0).  
It contains colorants.

Contains no substance classified as hazardous in concentrations, which should be taken into account according to EC directives.

**3. Hazards identification**

**Health:** The product is not classified as dangerous preparation. However, inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

**Fire:** The product burns, but is not classified as flammable.

**Environment:** The product is not considered dangerous for the environment.

**4. First-aid measures**

No specific instruction needed.

**5. Fire-fighting measures**

**Suitable extinguishing media:** Water in spread jet, dry chemicals, foam or carbon dioxide.

**Special exposure hazards:** Principal toxicant in the smoke is carbon monoxide.

**6. Accidental release measures**

Suck or sweep up spill. All spill of granules must be removed immediately to prevent slipping accidents.

**7. Handling and storage**

**Handling:** During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released. Provide adequate ventilation. Local exhaust ventilation may be necessary. Avoid inhalation of dust and decomposition fumes. Dust from the product gives a potential risk for dust explosion. All equipment shall be grounded.

**Storage:** No other specific storage requirements.

**8. Exposure controls / personal protection**

Provide adequate ventilation. Local exhaust ventilation may be necessary.

Beta ( $\beta$ )-PP# is a trademark of Borealis A/S, Denmark.

**Borealis A/S**

Parallevej 16,  
DK-2800 Kongens Lyngby (Denmark)  
Telephone: +45 45 96 60 00  
Fax : +45 45 96 61 23  
www.borealisgroup.com



# Polypropylene

## Beta ( $\beta$ )-PP™ BE60-7032

### 9. Physical and chemical properties

**Appearance:** solid, grey.

**Odour:** odourless

Melting point/range: 130 - 170 °C

Density: 0,9 - 1,0 g/cm<sup>3</sup>

Bulk density: 500 - 600 kg/m<sup>3</sup>

Ignition temperature: > 300 °C

Solubility: insoluble in water

### 10. Stability and reactivity

The product is a stable thermoplastic, with no chemical reactivity.

### 11. Toxicological information

The product is not classified as dangerous preparation according to Directive 1999/45/EC. However, inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

### 12. Ecological information

The product is not considered dangerous for the environment.

Water contaminating class (Germany) NWG

### 13. Disposal considerations

Reuse or recycle if not contaminated. The product may be safely used as fuel or landfilled. Proper combustion does not require any special flue gas control. No leachate is generated in landfills. Check with local regulations.

### 14. Transport information

The product is not regulated by ADR/RID, IMDG or IATA.

### 15. Regulatory information

Classification and labelling according to Annex 1, Directive 67/548/EEC.

Label:

Trade name : **Borealis Polypropylene Beta ( $\beta$ )-PP BE60-7032**

Manufacturer : Borealis

### 16. Other information

Issued according to Directive 91/155/EEC and its amendments.

Issuer: Borealis Group HSE/ Pekka Korttesmaa

#### Borealis A/S

Parallelsvej 16,

DK-2800 Kongens Lyngby (Denmark)

Telephone: +45 45 96 60 00

Fax : +45 45 96 61 23

www.borealisgroup.com

**Polypropylene****Beta ( $\beta$ )-PP™ BE60-7032****Disclaimer**

The information contained herein is to our knowledge accurate and reliable as of the date of publication and is only intended to describe health, safety and environment aspects of the product. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products.

Insofar as products supplied by Borealis or its subsidiary companies are used in conjunction with third party materials, it is the responsibility of the customer to obtain all necessary information relating to the third party materials and ensure that Borealis' products when used together with these materials are suitable for the customer's particular purpose. 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.

**Borealis A/S**

Parallelvej 16,  
DK-2800 Kongens Lyngby (Denmark)  
Telephone: +45 45 96 60 00  
Fax : +45 45 96 61 23  
[www.borealisgroup.com](http://www.borealisgroup.com)