



Polypropylene WG350C

Description

WG350C is a polypropylene for extrusion coating.

WG350C is a filled polypropylene compound for extrusion coating. It can be used in standard extrusion coating lines although it is recommended to pre-dry **WG350C** before extrusion in order to avoid die build up. Standard conditions for drying are 90 °C / 4 hours.

CAS-No. 9002-88-4
9003-07-0

Applications

WG350C is recommended for:

Coated film
Coating and lamination of aluminium foil

Peel layer for sterilisable food packaging

Special Features

WG350C is optimised to deliver:

Seal- and peelable against Polypropylene

Physical Properties

| Property | Typical Value | Test Method |
|--|--|-------------|
| | Data should not be used for specification work | |
| Density | 1040 kg/m ³ | ISO 1183 |
| Melt Flow Rate (230 °C/2,16 kg) | 18 g/10min | ISO 1133 |
| Vicat softening temperature A50, (10 N) ¹ | 142 °C | ISO 306 |

¹ Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.

Processing Techniques

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

A standard temperature setting would be:

Extruder 200 - 240 - 280°C
Adapter, pipe 270°C
Die 280°C



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Storage

WG350C 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

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.

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"
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.

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