



# **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 <sup>3</sup>	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	18 g/10min	ISO 1133
Vicat softening temperature A50, (10 N) <sup>1</sup>	142 °C	ISO 306

<sup>1</sup> 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