

Polypropylene

WG350C

PO Compound for Extrusion Coating

Description

WG350C is a filled PO compound for extrusion coating

Cas No. 9002-88-4, 9003-07-0

Typical characteristics

WG350C can be described with following typical characteristics:

Seal- and peelable against Polypropylene

Applications

WG350C is intended for following applications:

Coated film	Extrusion coated seal-peel structures
Coating and lamination of aluminium foils	Peel layer for sterilisable food packaging

Physical properties

Property	Typical value *	Unit	Test method
Density	1040	kg/m ³	ISO 1183-1
Melt flow rate (230 °C/2.16 kg)	18	g/10min	ISO 1133-1
Melting temperature	166	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	136	°C	ISO 306
Filler content	18	%	ISO 3451

* Data should not be used for specification work

Processing techniques

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.

Packaging and storage

WG350C 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.

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 and www.borealiseverminds.com.

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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.

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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.

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