

Product Data Sheet
Polypropylene
HD631CF

DESCRIPTION

HD631CF is a Homopolymer grade produced by the proprietary **Borstar®** process. This grade is designed for non oriented PP film manufactured by Tubular Quench technology (Inflated Process).

HD631CF contains Slip and Antiblock.

APPLICATIONS

Textile packaging Film	Lamination Film
Multilayer co Extrusion Film	Food packaging Film
General Packaging	Stationary Film

SPECIAL FEATURES

Good Optics (Low Haze & High gloss)	Good Processability
Good Mechanical Properties	Wide processing window

PHYSICAL PROPERTIES

Property	Typical Value	Unit	Test Method
Density	900 – 910	Kg/m ³	ASTM D 792
Melt Flow Rate MFR (230 °C/2.16 kg)	10.0	g/10min	ASTM D1238
Flexural Modulus ¹	1500	MPa	ISO 178
Melting Temperature (DSC)	164	Deg C	ISO 3146

*Data should not be used for specification work

¹ Measured on Injection Molded specimens, conditioned at 23°C and 50% relative humidity

PROCESSING GUIDELINES

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

Specific recommendations for processing conditions can be determined only when the application and type of equipment are known. Please contact your local Borouge representative for such particulars.

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HD631CF

FOOD CONTACT REGULATIONS

HD631CF fulfils the food contact regulations in most countries. For specific information and compliance statement please contact your Borouge representative.

STORAGE

The product 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.

More information on storage can be found in Safety Information Sheet for this product.

SAFETY

The product is not classified as a hazardous mixture.

Dust and fines from the product carry a risk of dust explosion. All equipment should be properly earthed. Inhalation of dust should be avoided as it may cause irritation of the respiratory system. Small amounts of fumes are generated during processing of the product. Proper ventilation is therefore required.

A Safety Information Sheet is available on request. Please contact your Borouge representative for more details on various aspects of safety, recovery and disposal 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

Most datasheets and statements are available on Borouge website www.borouge.com. If more information is required, please contact a Borouge representative for information.

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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