



Polypropylene HC115FB

Polypropylene Homopolymer

Description

HC115FB is a polypropylene fibre resin, suitable for slit tape production:

HC115FB is characterised by:

- Medium molecular weight distribution
- Excellent processability
- Good mechanical properties
- Optimal product consistency and resin purity

Applications

HC115FB is designed for:

- Textile film yarn
- Carpet backing
- Sacking tapes
- Geotextiles
- Ropes/twines/nets

Physical Properties

		Typical Value*	Unit	Test Method
Melt Flow Rate	(230°C/2.16 kg)	2.8	g/10 min	ISO 1133
Melting Temperature		161-165	°C	ISO 3146
Molecular Weight Distribution		Medium		

* Data should not be used for specification work

Processing Guidelines

HC115FB is easy to process, giving high output rates and optimum product quality. The processing conditions will vary according to the application and equipment being used.

Melt temperature Cast Film:	240°C – 270°C
Melt temperature Blown Film:	200°C – 230°C
Stretch oven Temperature:	150°C – 160°C

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Storage and Handling

HC115FB 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 the product.

Safety

HC115FB is not classified as dangerous preparation.

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.

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.

A Safety Data Sheet is available on request. Please contact your Borealis representative for more details on various aspects of safety, recovery and disposal of the product.

Related documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product:

Recovery and disposal of Polyolefins
Information on Emissions from Processing and Fires
Safety Data Sheet, SDS
Environmental Fact Sheet

Liability Statements on:

- Compliance to Food Contact Regulations
- Heavy Metals



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