



Polyethylene VS5580

Description

VS5580 --is a high density polyethylene

This grade is especially designed for monofilament and cast film stretch tape production.

Applications

VS5580 has been developed especially for applications like:

Ropes, twines , nets
Monofilament applications

Straps and woven fabrics

Special features

VS5580 is optimised to deliver:

Excellent processability
Superior mechanical properties

Physical Properties

Property	Typical Value	Test Method
	Data should not be used for specification work	
Density	958 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	0,95 g/10min	ISO 1133
Melt Flow Rate (190 °C/21,6 kg)	32 g/10min	ISO 1133
Melting temperature (DSC)	134 °C	ISO 3146
Molecular weight	Medium	
Molecular weight distribution	Narrow	

Processing Techniques

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.

Storage

VS5580 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.



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Safety

The product is not classified as dangerous.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the products. 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

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.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

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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