PRODUCT DATA SHEET

POLYETHYLENE FT4119

LDPE

DESCRIPTION

FT4119 is a low density polyethylene transition product produced in high pressure Tubular Reactor techonology process. The product is supplied as pellets

APPLICATIONS

Carrier Bag Film
General Purpose Pouches

PHYSICAL PROPERTIES

Property	Typical Value	Test Method
Density*	923 kg/m^3	ASTM D 792
Melt Flow Rate (190^{o}C/2.16kg)	1.5 g/10 min	ASTM D 1238

PROCESSING

FT4119 can be processed easily on most types of blown film equipment such as LDPE, LLDPE or HDPE extruders.
Recommended processing conditions:

Melt temperatures	160-190^{o}C
Die Gap	>1.0 mm
FLH:	>2 DD
BUR:	>2:1

STORAGE

The product should be stored in dry conditions at temperatures below 50^{o}C and protected
From UV-light improper storage can initiate degradation, which results in odor generation and odor color changes and can have negative effects on the physical properties of this product.

SAFETY

The product is not classified as a hazardous 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.

Please see our Safety Information Sheet (SIS) for details on various aspects of safety, recovery and disposal of the product, for more information contact your Borouge representative.

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Borouge is a joint venture of ADNOC and Borealis

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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 Information Sheet
Statement on chemicals, regulations and standards

STANDARDS

Borouge is certified to various ISO standards, please refer to Borouge.com for more 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.

Borouge 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.

No liability can be accepted in respect of the use of Borouge products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

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