

DuPont™ Fusabond® E 100

Fusabond® resins Product Data Sheet

Description

Product Description DuPont™ Fusabond® E100 is an anhydride modified high density polyethylene, mainly intended for use as a component in a blend with other polymers including polyolefins and polyamides. It is not intended for extrusion in its pure form in typical extrusions or coextrusions. Available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyethylene (PE) resins.

Restrictions

- Material Status**
 - Commercial: Active
- Availability**
 - Globally

Typical Characteristics

- Uses**
 - Polymer Modifier

Typical Properties

Physical	Nominal Values	Test Method(s)	
* Density ()	0.954 g/cm ³	ASTM D792	ISO 1183
* Melt Flow Rate (190°C/2.16kg)	2 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
* Melting Point (DSC)	134°C (273°F)	ASTM D3418	ISO 3146
Freezing Point (DSC)	115°C (239°F)	ASTM D3418	ISO 3146
Vicat Softening Point ()	127°C (261°F)	ASTM D1525	ISO 306

Processing Information

- General**
- * Maximum Processing Temperature 300°C (572°F)

FDA Status Information FUSABOND® E100 Resin complies with Food and Drug Administration Regulation 21 CFR 175.105 - - Adhesives. This Regulation describes adhesives that may be used as components of articles intended for use in packaging, transporting, or holding food, subject to the limitations and requirements therein.

The information and certifications provided herein are based on data we believe to be reliable, to the best of our knowledge. The information and certifications apply

only to the specific material designated herein as sold by DuPont and do not apply to use in any process or in combination with any other material. They are provided at the request of and without charge to our customers. Accordingly, DuPont cannot guarantee or warrant such certifications or information and assumes no liability for their use.

Regulatory Information

For information on regulatory compliance outside the U.S., consult your local DuPont representative.

Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet..

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your DuPont Packaging and Industrial Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

Americas

DuPont Company
Chestnut Run Plaza – Bldg. 730
974 Centre Road
Wilmington, Delaware
19805 U.S.A.
Toll-Free (USA): 1-800-628-6208
Telephone: 1-302-774-1000
Fax: 1-302-355-4013

Asia Pacific

DuPont China Holding Co., Ltd.
Shanghai Branch
399 Keyuan Road, Bldg. 11
Zhangjiang Hi-Tech Park
Pudong New District, Shanghai
P.R. China (Postcode: 201203)
Telephone +86 21 3862 2888
Fax +86-21-3862-2889

Europe / Middle East / Africa

DuPont de Nemours Int'l. S.A.
2,Chemin du Pavillon Box 50
CH-1218 Le Grand Saconnex
Geneva, Switzerland
Telephone +41 22 717 51 11
Fax +41 22 717 55 00

DuPont do Brasil, S.A.
Alameda Itapecuru, 506
06454-080 Barueri, SP Brasil
Telephone: +55 11 4166 8000
Fax: +55 11 4166 8736

<http://fusabond.dupont.com>

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This data sheet is effective as of 05/13/2008 06:24:36 PM and supersedes all previous versions.

