DuPont™ Fusabond® E100

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
• Density (g/cm³)
  Nominal Values: 0.954
  Test Method(s): ASTM D792, ISO 1183

• Melt Flow Rate (190°C/2.16kg)
  Nominal Values: 2 g/10 min
  Test Method(s): ASTM D1238, ISO 1133

Thermal
• Melting Point (DSC)
  Nominal Values: 134°C (273°F)
  Test Method(s): ASTM D3418, ISO 3146

• Freezing Point (DSC)
  Nominal Values: 115°C (239°F)
  Test Method(s): ASTM D3418, ISO 3146

• Vicat Softening Point (°C)
  Nominal Values: 127°C (261°F)
  Test Method(s): 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
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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:

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