



Dow Packaging & Specialty Plastics

Product Data Sheet

FUSABOND™ E226

Functional Polymer

General Information

Product Description FUSABOND™ E226 is an anhydride modified polyethylene.

Status

Material Status Commercial: Active

Typical Characteristics

Uses Wire & Cable Applications; Polymer Modifier

Composition High% By Weight Maleic Anhydride
Graft levels are defined as:
Low < 0.2%; Medium 0.2-0.5%; High 0.5-1.0%; Ultra high > 1.0%

Typical Properties

Physical	Nominal Values	Test Method(s)	
*Density (displacement method)	0.93 g/cm ³	ASTM D792	ISO 1183
*Melt Flow Index (190°C/2.16kg)	1.75 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
*Melting Point (DSC)	120 °C (248 °F)	ASTM D3418	ISO 3146
Freezing Point (DSC)	102 °C (215.6 °F)	ASTM D3418	ISO 3146
Vicat Softening Point ()	95 °C (203 °F)	ASTM D1525	ISO 306

Processing Information

*Maximum Processing Temperature 290 °C (554 °F)

FDA Status Information

FUSABOND™ E226 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.

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Regulatory Information

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

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Harmful Applications Policy

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http://www.dow.com/products_services

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P&SP Disclaimer

Additional Information

To contact Dow via Toll-Free or Local Toll phone numbers in specific countries, please see the following webpage:
<https://www.dow.com/en-us/support/contact-representative.html>

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