

## DuPont™ Fusabond® E100 Polymer Modifier

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

### Material Notes:

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. Fusabond® E100 comply with the Code of Federal Regulations, Title 21, Paragraph 175.105, covering the use of adhesive interlayers in composite packages for food use. This regulation describes adhesives that may be safely used as components of articles intended for use in packaging, transporting or holding food. This regulation requires that either (1) the adhesive is separated from the food by a functional barrier, or (2) the quantity of adhesive which contacts fatty or aqueous foods does not exceed the trace amounts at the seams or edges.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Fusabond-E100-Polymer-Modifier.php](http://www.lookpolymers.com/polymer_DuPont-Fusabond-E100-Polymer-Modifier.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ASTM D792, ISO 1183
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	115 °C	239 °F	Freezing Point; ASTM D3418
	134 °C	273 °F	ASTM D3418, ISO 3146
Vicat Softening Point	127 °C	261 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 300 °C	<= 572 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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