

## DuPont™ Fusabond® N416 Polymer Modifier

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

### Material Notes:

Fusabond® N416 is a chemically modified ethylene elastomer. Used as a polymer modifier Fusabond N416 resin conforms 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 which 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-N416-Polymer-Modifier.php](http://www.lookpolymers.com/polymer_DuPont-Fusabond-N416-Polymer-Modifier.php)

Physical Properties	Metric	English	Comments
Density	0.869 g/cc	0.0314 lb/in <sup>3</sup>	ASTM D792, ISO 1183
Melt Flow	23 g/10 min @Load 2.16 kg, Temperature 280 °C	23 g/10 min @Load 4.76 lb, Temperature 536 °F	ASTM D1238, ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	17.0 °C	62.6 °F	Freezing Point; ASTM D3418
	43.0 °C	109 °F	ASTM D3418, ISO 3146

Processing Properties	Metric	English	Comments
Processing Temperature	<= 285 °C	<= 545 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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