

DuPont™ Fusabond® E589 Polymer Modifier

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

Material Notes:

DuPont™ Fusabond® E589 is an anhydride modified polyethylene. Uses: Adhesives Pipe Coating Tie-Layer Features premium adhesive for Pipe Coating tie-layer at high surface temperatures. (90°C)

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Fusabond-E589-Polymer-Modifier.php

Physical Properties	Metric	English	Comments
Density	0.937 g/cc	0.0339 lb/in ³	ASTM D792, ISO 1183
Melt Flow	2.1 g/10 min @Load 2.16 kg, Temperature 190 °C	2.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	9.487 MPa	1376 psi	Lap Shear; ASTM D1002

Thermal Properties	Metric	English	Comments
Melting Point	106 °C	223 °F	Freezing Point; ASTM D3418
	119 °C	246 °F	ASTM D3418, ISO 3146
Vicat Softening Point	99.0 °C	210 °F	ASTM D1525, ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	<= 290 °C	<= 554 °F	

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