



Fusabond® M603

DuPont Packaging & Industrial Polymers - Polyethylene Copolymer

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General Information

Product Description

Fusabond® M603 Resin is a random ethylene copolymer, incorporating a monomer which is classified as being a maleic anhydride equivalent for application uses.

The exact composition is considered to be proprietary information.

Applications

Fusabond® M603 is used in a variety of applications where adhesion improvements are needed for coatings, or compatibilization is needed for compounds. In these applications, the Fusabond® resin is typically dry blended with a polyolefin matrix polymer for further processing.

Examples include: Adhesives, Polymer Modification, Wood-Plastic Composites

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Adhesives	• Coating Applications	• Plastics Modification
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.942		ASTM D792
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	226	°F	ASTM D3418
Melting Temperature (DSC)	226	°F	ISO 3146
Additional Information	Nominal Value	Unit	
Maximum Processing Temperature	500	°F	

Notes

¹ Typical properties: these are not to be construed as specifications.