



## Fusabond® N416

### DuPont Packaging & Industrial Polymers - Ethylene Elastomer

Sunday, November 3, 2019

#### General Information

##### Product Description

Fusabond® N416 is a chemically modified ethylene elastomer.

Uses

Polymer Modifier

Applications

Polyamide Modification

##### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Food Contact Acceptable		
Uses	• Plastics Modification		
Agency Ratings	• FDA 21 CFR 175.105		
Forms	• Pellets		

#### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.871		ASTM D792
Density	0.869	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (280°C/2.16 kg)	23	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (280°C/2.16 kg)	23	g/10 min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	109	°F	ASTM D3418
Melting Temperature (DSC)	109	°F	ISO 3146
Freezing Point			
--	63	°F	ASTM D3418
--	63	°F	ISO 3146
Additional Information	Nominal Value	Unit	
Maximum Processing Temperature	545	°F	

##### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.