



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	• Europe	• North America
Features	• Asia Pacific • Food Contact Acceptable		
Uses	• Plastics Modification		
Agency Ratings	• FDA 21 CFR 175.105		
Forms	• Pellets		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.871		ASTM D792
Density	0.869	g/cm ³	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

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