



AFFINITY™ EG 8200G

The Dow Chemical Company - Polyolefin Plastomer

Monday, November 4, 2019

General Information

Product Description

AFFINITY* EG 8200G Polyolefin Plastomer is produced via INSITE* Technology from Dow Plastics. This is an ethylene alpha-olefin copolymer exhibiting high flexibility and elasticity. It can be utilized in monolayer cast film and in blends with other polyolefins to enhance clarity, sealability and toughness of structure.

- General purpose plastomer
- Excellent impact properties in blends with polypropylene and polyethylene
- Excellent flow characteristics
- Highly flexible with good elastic recovery

Complies with:

- U.S. FDA FCN 424
- Canadian HPFP No Objection

Consult the regulations for complete details.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Latin America	
	• Europe	• North America	
Additive	• Antiblock: No	• Processing Aid: No	• Slip: No
Agency Ratings	• FDA FCN 424		
Forms	• Pellets		
Processing Method	• Blown Film	• Cast Film	• Profile Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.872		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	113	°F	ASTM D1525
Melting Temperature (DSC)	145	°F	Internal Method

Notes

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