



AFFINITY™ EG 8100G

Polyolefin Plastomer

Overview

- General purpose plastomer
- Excellent impact properties in blends with polypropylene and polyethylene
- Highly flexible with good elastic recovery
- High clarity
- Breathable (high O2 and CO2 transmission rates)
- Low temperature sealability
- Complies with U.S. FDA FCN 424 (See NOTES 1)
- Consult the regulations for complete details. (See NOTES 2)

AFFINITY* EG 8100G Polyolefin Plastomer (POP) is produced via INSITE* Technology. It is a general purpose ethylene-octene copolymer exhibiting high flexibility and elasticity. AFFINITY EG 8100G can be utilized in monolayer and coextruded films and in blends with other polyolefins to enhance clarity, sealability and toughness of the structure.

Complies with:

CANADIAN HPFB NO OBJECTION (WITH LIMITATIONS)

- EU No 10/2011
- U.S. FDA FCN 424

Consult the regulations for complete details.

Additive

- Slip: No
- Processing Aid: No

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.870 g/cm ³	0.870 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	1.0 g/10 min	1.0 g/10 min	ASTM D1238
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	115 °F	46.0 °C	ASTM D1525
Melting Temperature (DSC)	131 °F	55.0 °C	Dow Method

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

