



AFFINITY™ GA 1875

The Dow Chemical Company - Polyolefin Plastomer

Monday, November 4, 2019

General Information

Product Description

Complies with:

- EU, No 10/2011
- U.S. FDA 21 CFR 175.105(c)(5)
- Consult the regulations for complete details.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific • Europe	• Latin America • North America	
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 175.105(c) (5)	
Forms	• Pellets		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.872		ASTM D792
Gardner Color	< 1.00		ASTM D3417
Volatile Matter ²	< 0.15	%	ASTM D3030
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	176	psi	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-70.6	°F	Internal Method
Melting Temperature (DSC)	158	°F	Internal Method
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity (350°F)	6.70	Pa·s	ASTM D1084

Notes

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

² Modified for polyolefins. Change the temperature used to 100°C +/-3 and the amount of sample to 20 grams.