



AFFINITY™ GA 1875

Polyolefin Plastomer

Overview

Complies with:

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.870 g/cm ³	0.870 g/cm ³	ASTM D792
Gardner Color	< 1.00	< 1.00	ASTM D3417
Volatile Matter ¹	< 0.15 %	< 0.15 %	ASTM D3030
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength	176 psi	1.21 MPa	ASTM D638
Tensile Elongation (Break)	60 %	60 %	ASTM D638
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Glass Transition Temperature	-70.6 °F	-57.0 °C	Dow Method
Melting Temperature (DSC)	158 °F	70.0 °C	Dow Method
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Brookfield Viscosity (350°F (177°C))	6.70 Pa·s	6.70 Pa·s	ASTM D1084

Notes

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

¹ Modified for polyolefins. Change the temperature used to 100°C +/-3 and the amount of sample to 20 grams.

