



Technical Data Sheet

AFFINITY™ GA 1875 Polyolefin Plastomer

Complies with

- U.S. FDA 21 CFR 175.105(c)(5)
- EU No 10/2011 (See Notes)

Consult the regulations for complete details.

Properties¹

Physical	Nominal Value	Unit	Test Method ²
Density	0.870	g/cm ³	ASTM D792
Gardner Color	< 1.00		ASTM D3417
Volatile Matter ³	< 0.15	%	ASTM D3030
Mechanical			
Tensile Strength	1.21	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Thermal			
Glass Transition Temperature	-57.0	°C	Internal Method
Melting Temperature (DSC)	70.0	°C	Internal Method
Fill Analysis			
Brookfield Viscosity (350°F (177°C))	6.70	Pa·s	ASTM D1084

1. Typical properties: these are not to be construed as specifications. Users should confirm results by their own tests.
2. ASTM: American Society for Testing and Materials
3. Modified for polyolefins. Change the temperature used to 100°C +/-3 and the amount of sample to 20 grams.

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