



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.

