

AFFINITY™ GA 1875

Polyolefin Plastomer
The Dow Chemical Company

Message:

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

General Information			
Agency Ratings		EU No 10/2011 FDA 21 CFR 175.105(c) (5)	
Forms		Pellets	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm ³	ASTM D792
Gardner Color	< 1.00		ASTM D3417
Volatile Matter ¹	< 0.15	%	ASTM D3030
Brookfield Viscosity (177°C)	6.70	Pa · s	ASTM D1084
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1.21	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-57.0	°C	Internal Method
Melting Temperature (DSC)	70.0	°C	Internal Method
NOTE			

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

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