

AFFINITY™ GA 1000R

Functionalized Polyolefin Elastomer

The Dow Chemical Company

Message:

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

General Information			
Agency Ratings		EU No 10/2011 FDA 21 CFR 175.105	
Forms		Pellets	
Physical	Nominal Value	Unit	Test Method
Gardner Color	< 5.00		ASTM D3417
MAH Graft Level	High		Internal Method
Volatile Matter ¹	< 0.15	%	ASTM D3030
Brookfield Viscosity (177°C)	13.0	Pa·s	ASTM D1084
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1.87	MPa	ASTM D638
Tensile Elongation (Break)	170	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-58.0	°C	Internal Method
Melting Temperature (DSC)	68.0	°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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