AFFINITY™ GA 1950

Polyolefin Plastomer

The Dow Chemical Company

Message:

Ultra high clarity, low density, low viscosity polyolefin
Excellent thermal stability
Low Tg (Excellent low temperature properties)
Excellent flexibility
Non corrosive
Excellent color and odor
Excellent compatibility with a wide range of polymers
Low crystallinity (can be heavily filled)
Low density (better mileage)
Excellent adhesion to diverse substrates when formulated
Complies with:
U.S. FDA FCN 424
Consult the regulations for complete details.
AFFINITY* GA 1950 Polyolefin Plastomer (POP) is produced via INSITE* Technology from Dow Plastics. This product can be used in applications such as polymer modification (i.e. flow enhancement and property enhancement), masterbatch/additive carrier, and hot melt adhesives.

General Information			
Agency Ratings	FDA FCN 424		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.874	g/cm³	ASTM D792
Gardner Color	2.00		ASTM D6290
Volatile Matter [1]	< 0.15	%	ASTM D3030
Brookfield Viscosity (177°C)	17.0	Pa·s	ASTM D1084
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1.76	MPa	ASTM D638
Tensile Elongation (Break)	190	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-56.1	°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.		

Recommended distributors for this material

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