

**GMA-400G
ACRYLIC RESIN
FOR POWDER COATINGS**

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

GMA-400G is solid, high-functionality glycidyl acrylic polymers of identical composition but differing particle sizes capable of reacting with carboxyl and amine functional compounds. They can be used either as sole curing agents for acid-functional polyester resins to make polyester/acrylic hybrids, or as fortifying additive resins at low loadings in systems such as polyester/TGIC or hybrid systems to boost crosslink density and increase film hardness/chemical resistance.

As with any raw material, laboratory evaluation is recommended for each formulation to determine the best processing method and the optimum concentration of GMA-400G.

TYPICAL PROPERTIES*

Appearance	Clear Ground Flake
Gardner color	< 1
Non-Volatile, weight %	99.5% minimum
Epoxy Equivalent Weight (g/equivalent)	390 – 420
Glass Transition Temperature	54-58°C

* Not to be used for specification purposes

REGULATORY LISTINGS

The components of this material are either listed or exempt from listing due to polymer exemption criteria for the following chemical inventory listings: AICS (Australia), DSL (Canada), ECN (Taiwan), EINECS (Europe), ENCS (Japan), IECSC (China), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

PACKAGING (NET WEIGHT)

55 lb. / 25 kg in fiberboard box with polyolefin liner

PRODUCT AVAILABILITY

GMA-400G is available in commercial quantities. Please contact your Estron Sales Representative for samples, lead time and availability.

STORAGE AND HANDLING

Keep container tightly closed and store in a dry, well ventilated area away from heat and sources of ignition. Store at less than 100°F (38°C). Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

CONTACT INFORMATION

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Revision Date: May 3, 2018

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