

**GMA-500  
ACRYLIC RESIN  
FOR POWDER COATINGS**



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**GENERAL DESCRIPTION**

GMA-500 is a solid, glycidyl-functional acrylic crosslinker for exterior durable powder coatings. It is highly branched and can cure with carboxyl and amine-functional compounds. For example, GMA-500 can be used as the sole crosslinking agent with a linear carboxyl polyester resin to create an 80/20 polyester/acrylic hybrid powder coating for protective purposes or cured with dodecanedioic acid to make smooth, high gloss clear top coats.

As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of GMA-500.

**TYPICAL PROPERTIES\***

Appearance	Flakes
Non-Volatile, weight %	99.0% minimum
Softening Point, RING & BALL	100-110°C
Epoxy Equivalent Weight	520-550 mg/eq
Glass Transition	45-50°C

\* Not to be used for specification purposes

**REGULATORY LISTINGS**

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

**PACKAGING NET WEIGHT**

44 lb. / 20 kg in fiberboard box with polyolefin liner

**PRODUCT AVAILABILITY**

This product is commercially available and requires lead time. Please contact your Estron Sales Representative.

**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 two years from date of manufacture. See MSDS for detailed information.