

**EPOMATT® G-152
MATTING AGENT
FOR EPOXY POWDER COATINGS**

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Epomatt® G-152 is a carboxyl-functional, solid acrylic resin for matting epoxy-based powder coatings and is best suited to create 60° gloss values <10. The formulated coatings demonstrate good smoothness and exceptional mechanical and chemical resistance properties. In contrast to powders made with other gloss modification technologies, those formulated with Epomatt® G-152 show little or no gloss deviation when exposed to varying oven or storage temperatures.

Low gloss / low bake compositions (for as low as 125°C) are possible by curing the epoxy with Epoxy Hardener G-91 (3-6 phr) and matting with the Epomatt® G-152 (8-10 phr). In this manner, the curing agent and matting agent are working independently. The epoxy curing agent level is maintained at its normal recommended dosage for curing purposes, and the Epomatt® G-152 causes the matting to occur.

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

TYPICAL PROPERTIES*

Appearance	Clear to Hazy Granules
Specific Gravity (25/25)	1.13 – 1.19
Softening Point, BALL & RING	110 - 120°C
Acid value, mg KOH / gram	145 - 165
Non-Volatile, weight %	98.5% minimum

* 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), ECL (Korea), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA).

PACKAGING (NET WEIGHT)

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

PRODUCT AVAILABILITY

This product is available in commercial quantities. Please contact your Estron Sales Representative for 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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