

**Technical Data Sheet****AHA7550****GMA based matting hardener for powder coatings****Description**

**AHA7550** is a solid GMA acrylic resin capable of reacting carboxyl polyester to provide exterior durable powder coating with low gloss

**Typical properties**

Appearance	[visual]	Granules
Soft point (°C)	[Ring & Ball]	140-150
Epoxy equivalent weight (EEW)		500-600
Volatiles (%)		≤1

**Application**

**AHA7550** can be mixed with various carboxyl functional polyester resins to formulate matte, one shot, and exterior durable polyester powder coatings with ranging from about 5 to 70% of low gloss.

**Process & Mixing ratio**

Added to formulation in pre-mixing stage, then extrusion; Mixing ratio AHA7550/polyester [AV.ca.34mgKOH/g] = 25-30/ 75 by weight parts

**Co-reactants**

The gloss can be adjusted to range of 25% and more with TGIC, HAA [hydroxyalkylamide] in replace of part of AHA7550.

**Shelf life**

Based on our experience the shelf life of this product is at least within 1 year from date of manufacture. For older than this period, it is recommended to check EEW to determine reuse possible.

**Storage**

Store in temperature between 2 and 35°C or cool dry place. Keep package closed after using.

*Notice:*

*The key technical data or specifications for the above product described in this paper may be changed from time to time due to improvement constantly. AHA reserves the right to change the specifications of its products without prior notice.*

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## Handling & Precaution

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Avoid contact with eyes and skin. Avoid breathing dust. Wash after handling.

For further information, please refer to the MSDS

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## Regulatory status

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**AHA7550** complies with TSCA (USA), DSL/NDSL (Canada) and IECSC (China).

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## Package

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Packaged in PE lined craft paper bag, Net weight 25 Kg per bag.

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