

Technical Data Sheet

AHA2029

Matting agent for TGIC powder coatings

Description

AHA2029 is a deep modified, low wax-containing version of former AHA2019. This product provides lower gloss, better flow and overall technical performances. In addition, it is featured by excellent color stability and improved volatile and smell-reducing in processing.

Typical physical data

Appearance	[visual]	White powder
Melting ranges*(°C)	[DSC]	150-165
Bulk density (g/l)		680
Volatiles (%)		≤2

* AHA2029 has no distinct melting point because it is a blend

Herein described to be typical properties and do not constitute specification limits.

Application

AHA2029 is recommended as matting agent, in conjunction with the COOH-polyester resins, used in exterior durable TGIC based powder coatings.

Advantages:

- Low wax content
- The lowest gloss approaching to **5% (black)**
- Excellent flow
- Excellent anti-yellowing
- One shot, easy to use and spray
- Better burnish resistance

Use levels

3- 5.5% based on total formulation by weight, depending on the gloss required.

Curing schedules

200°C/8-10min (metal temp).

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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Processing

Mixed together with all of other components in a high-speed mixer, and afterwards extruded in a kneader.

Handling & Precaution

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

For further information, please refer to the SDS

Regulatory status

AHA2029 complies with TSCA (USA), DSL/NDSL (Canada) and IECSC(China).

Storage

Store in temperature between 2 and 30°C or cool dry place to avoid caking. Keep package closed after using. Keep away from fire.

Based on our experience the shelf life of this product is at least 3 years.

Package

Packaging with PE lined Kraft paper bag. Net weight 25 Kg per bag.

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