

Experimental

AHA2139

Matting agent for HAA based powder coatings

Description

AHA2139 is one kind of wax based matting agent suitable for β -hydroxylalkyl amide (HAA or Primid) based exterior durable powder coatings with ca.35% (min.) of low gloss. The use of this product is capable of providing better flow and gloss reducing effect due to specific synergistic agent

Typical properties

Appearance	[visual]	pale yellowing powder
Melting ranges (°C)		108-138
Bulk density (g/dm ³)		480-560
Volatiles (%)		≤1.5

Application

AHA2139 is recommended as matting agent used in Primid powder coatings.

Advantages:

- One shot, suitable for semi-gloss desired
- TGIC-free
- color stable

Disadvantage:

- Under high dosages
- Waxy releaser will appear on surface for black/dark color powder coatings

Use level

1-5% by weight, calculated on total formulation.

Curing schedules

200°C/15min (metal temperature)

Incorporation & processing Instructions

AHA2139 should be mixed with resin, hardeners, pigments and other raw materials in a high-speed mixer and then extruded.

Notice:

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Shelf life

Based on our experience the shelf life of this product is at least within 1 year from date of manufacture.

Storage

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

Handling & Precaution

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

For further information, please refer to the MSDS

Regulatory status

AHA2139 complies with TSCA (USA), DSL/NDSL (Canada) and IECSC(China).

Package

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

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