

Technical Data Sheet

AHA4101

Slip and degassing agent for powder coatings

Description

AHA4101 is amide wax improved Benzoin used in powder coating to reduce yellowing & eliminate pinholes. This product, as slip and degassing agent, is particularly effective in HAA systems at thicker film builds.

Typical properties

Appearance	[visual]	Pale yellowish powder
Melting Point (°C)		Ca 137-142
Volatiles (%)		≤1.5

Application

AHA4101 is recommended as slip/degassing agent or melt viscosity modifier used in powder coatings including polyesters-TGIC, polyurethanes, hybrids, epoxies and acrylics, esp. for polyester-HAA to eliminate pinholes and yellowing as well as improve film quality/appearance and gloss at thicker film builds. The combination of wax and benzoin in just one product is benefiting to improves air release, surface slip, powder process and scratch resistance.

Use levels

0.5- 1.5% by weight, calculated on total formulation depending on the gloss required.

Process

Pre-mixing with other ingredients together, then homogenized in a heated extruder.

Shelf life

Based on our experience the shelf life of this product is at least within one year from date of manufacture. For older than this period, it is recommended to re-check the performance.

Storage & Notice

Store in temperature between 2 and 35°C or cool dry place to avoid wetting-absorption.

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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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

AHA4101 complies with TSCA (USA), DSL/NDSL (Canada) and IECSC(China).

Package

Packaged in craft paper bag with polyethylene liner. Net weight 25 Kg per bag.

Version II-02-2024

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