

## Technical Data Sheet

### AHA1100

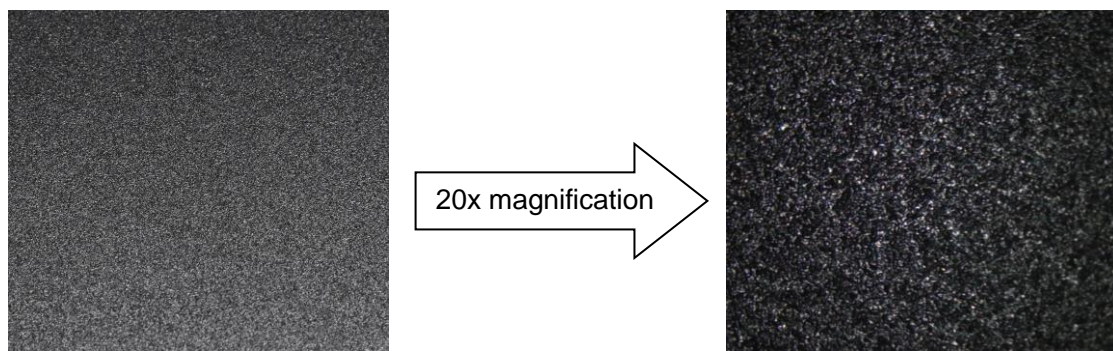
#### Teflon- free texture additive for powder coatings

#### Description

**AHA1100** is a **Teflon-free** texture additive for powder coatings capable of complying with REACH EU regulation (EC) No 2020/784 and/or relevant ACTS.

This product could provide rough structure effect in powder coatings, esp. for like sand texture. It is featured by excellent anti-scratch performance.

#### Photo with typical structure



#### Typical physical data

Appearance	[visual]	Free Flowing White Powder
Bulk density	g/cm <sup>3</sup>	0.85-0.95
Volatiles	%	≤1.0

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

#### Advantages

- Meet the requirements of relevant EU regulations or ACTS
- Teflon-free additive for matte & sand-like structure surfaces in powder coatings
- Excellent scratch resistance
- No-fingerprint effect
- Increased DOI
- Excellent control of texturing

*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.*

Although the information in this paper is based on our own investigation and is believed reliable, **AHA** can not assume any responsibility for performance or results obtained through the use of our products herein described. Neither we nor our agents shall be liable for any injury, loss or damages directly or indirectly caused by our products. The user is held to check the quality, safety and all other properties of our product before using. Nothing herein is to be taken as permission or recommendation to practice any patented invention without a license.



## Application

**AHA1100** is specifically designed to give controlled texturing effects in powder coating applications and are useful in **polyester-TGIC systems**

Added to the binder/pigment blend before extrusion

Cure cycle:180-200°C/10-15min

## Use level

**0.5-2%** by weight, calculated on total formulation, depending on surface finishes desired.

## Starting formulation

Composition	Part by weight	Remark
Polyester resin	290	AV:30-36mgKOH/g
AHA6810	22	TGIC
Barium sulphate	175	Blanc fixe
Carbon Black	3	
AHA1100	10	
Total	500	

## Handling & Precaution

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

For further information, please refer to the SDS

## Regulatory status

**AHA1100** 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 2 years.

## Package

Packing in carton with PE lined. Net weight 25Kg per package.

Version I, Nov-2023

### 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.

Although the information in this paper is based on our own investigation and is believed reliable, **AHA** can not assume any responsibility for performance or results obtained through the use of our products herein described. Neither we nor our agents shall be liable for any injury, loss or damages directly or indirectly caused by our products. The user is held to check the quality, safety and all other properties of our product before using. Nothing herein is to be taken as permission or recommendation to practice any patented invention without a license.