

## Technical Data Sheet

### AHA1052

#### Brilliant additive for metallic effect powder coatings

#### Description

**AHA1052** is a special additive used in metallic effect powder coating capable of enhancing brilliance and luster as well as improving surface metallic tone.

#### Typical physical data

Appearance [visual]	white granule or powder
Melting point (°C)	ca.60
Volatiles (%)	≤1.0

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

#### Application

**AHA1052** is mainly as brilliant or orient agent of metallic pigments such as flake aluminum, copper-gold and pearlescent and so on, used in all thermosetting powder coating with metallic effects.

#### Advantages:

- Facilitate to metallic pigments orientation and dispersion in coating composition.
- Increased metallic-like luster, chrome-like appearance and clear brilliance on film surface
- Reduced dosages of metallic pigments when AHA1052 added
- Improved luxury feeling

#### Use level

Approx. 0.8-2% by weight, calculated on total formulation, depending on surface finishes desired.

#### Incorporation

AHA1052 is added to the binder/ingredients blend before extrusion, then melt-homogenizing to form **base powder**, then dry blending metallic pigments to above base powder under low shear conditions.

#### 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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**Regulatory status**

**AHA1052** complies with TSCA (USA), DSL/NDSL (Canada) and IECSC(China).

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**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 1 year.

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**Package**

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

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