
Technical Data Sheet

AHA 3140

Hindered amine light stabilizer & tribo-charge agent for powder coatings

Description

AHA3140 is a blend of hindered amine light stabilizer (HALS) with medium-high molecular weight used in powder coatings. It shows excellent compatibility, high resistance to extraction, low volatility capable of providing powder coating with long-term light stable and exterior durability as well as excellent tribo-chargeability.

Typical properties

Appearance	[visual]	slightly yellow solid
Assay (GC)	(%)	> 99.5
Melting point	(°C)	60-98
Volatiles	(%)	≤ 0.5

**Typical properties do not stand for sales specification.*

Application

AHA3140 is recommended as HALS to provide powder coating with long-term light stable effect and exterior durability, it is also as tribo-charge agent to provide excellent tribo-chargeability fitted indoor or exterior durable powders with a friction gun spray. In addition, as a surface performance modifier provides better flow and smoothness as well.

Use Levels & Process

0.1-1% by weight, calculated on total formulation.

Added to the binder/pigment blend before extrusion for powder coatings.

Shelf life

Based on our experience the shelf life of this product is at least within 3 year from date of manufacture.

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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Handling & Precaution

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

For further information, please refer to the MSDS

Regulatory status

AHA 3140 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

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