

Technical Data Sheet

AHA1088P

Flow modifier for powder coatings

Description

AHA1088P is a general purpose of polyacrylate flow modifier used in powder coatings, which liquid acrylic homopolymer is absorbed on SiO₂ carrier to convert into free-flowing powder.

Typical properties

Appearance	[visual]	White, free-flowing powder
Acrylic content (wt %)		>65
Density (g/ml, 20°C)		Ca.0.6
Volatiles (%)		≤2

Application

AHA1088P is recommended as a flow modifier or flow control agent used in general industrial powder coatings including polyesters, polyurethanes, hybrids, epoxies and acrylics.

AHA1088P improves leveling of powder coating and prevents “orange peel”. In addition, it also prevents surface defects specific to powder coatings such as craters, pinholes and fisheyes.

Use levels

0.5-1.5% by weight, calculated on total formulation.

Incorporation and processing Instructions

AHA1088P should be mixed with resin, hardener, pigments and other raw materials in a high-speed mixer and then extruded.

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

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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Store in temperature between 2 and 35°C or cool dry place to avoid wetting-absorption.
Keep package closed after using.

Handing & Precaution

Avoid contact with eyes and skin. Avoid breathing dust. Wash after handling.
For further information, please refer to the MSDS

Regulatory status

AHA1088P complies with TSCA (USA), DSL/NDSL (Canada) and IECSC(China).

Package

Packaged in fiber drum with polyolefin liner. Net weight 25 Kg per bag

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