

Technical Data Sheet

AHA8102

Surface performance modifier (SPM)

Description

AHA8102 is a surface performance modifier (SPM) for dead matte powder coating with dark shade formulated by GMA resin, acrylics and xx68 as matting hardeners. This product, especially in conjunction with our **matting hardener AHA2199**, can improve the surface performance of coating film, such as anti-scratch, anti-burnish and color strength development. Additionally, it is possible to further eliminate fingerprint on film surface

Typical properties

Appearance	[visual]	Off white powder
Melting ranges (°C)	[DSC]	approx.57
Density (g/ml, 20°C)		Ca.0.95

Application

AHA8102 is recommended as SPM used in powder coatings, esp. in black or dark dead matted GMA resin-based powder coating or the powder coating formulated by AHA2199 or xx68 as matting hardeners to provide excellent anti-scratch, anti-burnish performance and improved color strength development as well as fingerprint-elimination on film surface. Also, this product is used in all powder coatings to improve pigment dispersing ability and flow/leveling

Use levels

Typically, 2% by weight, calculated on total formulation.

Incorporation and processing Instructions

AHA8102 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.

Notice:

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Storage & Notice

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

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

AHA8102 complies with TSCA (USA), DSL/NDSL (Canada) and IECSC (China).

Package

Packaged in fiber drum with polyolefin liner. Net weight 20Kg per bag

Version II-11-2023

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