

Inomid™AH001

Technical Data Sheet

Curing agent for powder coatings

General Description

Inomid™ AH001 is a hydroxyalkylamide crosslinker for the formulation of exterior durable powder coatings.

It can be used in combination with carboxyl-terminated polyesters.

Packaging

Inomid™ AH001 is delivered in 25kg polyethylene bag as standard and other packaging sizes are available

Product Properties / Typical values

Item	Specification	Test Method
Appearance	White crystalline solid	Visual
Color	Max. 1	ASTM D 1544
OH Value (mg KOH/g)	620-700	ASTM E 222
Water Content(%)	Max. 1	Karl Fischer
Melting Point(°C)	Approx. 122	ISO 11357-1

Starting Powder Formulation

Component	Weight (%)
Alymers® Polyester resin, Acid value 33	58.6
Inomid™ AH001	3.1
Ti-Pure R-902+ (DuPont-Titan)	24.7
Filler (BaSO ₄)	12.3
Resiflow PV5 (Worlee)	1.0
Benzoin (BASF)	0.3

* Cure schedule: 10min @180°C (substrate temperature)

Storage & Handling

The resin should be stored in dry, cool and well ventilated places preferably below 25°C.

- Keep away from heat sources and direct sunlight.
- Do not stack more than two pallets.

Shelf Life

Under the recommended storage conditions, the shelf life of the resin will be 12 months from shipment date. The resin older than 12 months, after the shipment, it is recommended to check the properties before use.

Safety Information

Please refer to the Material Safety Data Sheet.

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