

MR-0717

Partially methyletherated amine resin

Overview

MR-0717 is a high imine etherified amino resin, compatible with both water and oil, and can react with polymers containing hydroxyl, carboxyl, and amide groups. It has a low formaldehyde content, low foaming tendency during cross-linking and curing, high hardness, and low cross-linking temperature.

Physicochemical Properties

Appearance	Transparent pale yellow liquid	Composition	High imine etherified amino resin
Solid Content	$75.0 \pm 3.0\%$	Solvent	IBA
Free	<0.1 %	Viscosity	1000-4000 cps
formaldehyde		@25 °C	

Characteristics & Advantages

- Compatible with both water and oil, with good miscibility and solubility.
- Fast cross-linking at low temperature, can also be assisted with weak acid catalysts.
- Low formaldehyde content, and low foaming tendency during crosslinking and curing.
- Can self-polymerize, increasing the amount used can enhance the hardness of the paint film.
- In water-based baking systems, it can improve humidity resistance and salt spray resistance.
- Similar to Cymal 325.

Dosage

Subject to formulation and resin adjustment.

Application

General industrial baking paints, fast-curing coil coatings, automotive paints, electroplating gold oil, water-based baking paints, reactive adhesives, etc.

Precautions Storage

& Store at 0-30 °C, in a cool and ventilated place, keep the container tightly closed, away from heat and fire sources.

Safety

Refer to MSDS

Packaging

220 KG/ Drum

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For further detailed information, please contact our company directly.

www.new-techem.com

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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