



MR-0725

High imine methyletherate amine resin



Overview

MR-0725 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 low free formaldehyde content, low foaming tendency during cross-linking and curing, high hardness, and a low cross-linking temperature.

Physicochemical Properties

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

Characteristics & Advantages

- Compatible with both water and oil, with good miscibility and solubility.
- Fast cross-linking at low temperatures, can also be assisted with weak acid catalysts.
- Low free formaldehyde content, with low foaming tendency during cross-linking 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.

Dosage

Subject to formulation and resin adjustment.

Application

General industrial baking paints, fast-curing coil coatings, automotive coatings, 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