



Polyacrylate leveling agent

Overview

MAS is a polypropylene acrylic leveling agent, primarily suitable for solvent-based and solvent-free systems. It exhibits rapid leveling properties, excellent compatibility, re-coatability, and has both foam suppression and defoaming function.

Physicochemical Properties

| Appearance | Clear slight yellow liquid | Composition | Polypropylene acrylic |
|------------------|----------------------------|-------------|-----------------------|
| Solid Content | 50.0 ±2.0 % | Solvent | XYL |
| Density | 0.95 g/ml | | |

Properties and Advantages

The low molecular weight polypropylene acrylic copolymer, with its lower surface tension compared to coatings and restricted compatibility, promotes uniformization of the coating surface tension, improves coating leveling, and possesses defoaming and anti-foaming properties.

- Excellent wetting properties, effectively resolves surface defects such as shrinkage holes, orange peel, brush marks, pinholes, and picture framing, improving leveling.
- Good heat resistance, capable of withstanding temperatures up to 250 $^{\circ}$ C.
- Optimal balance of compatibility and leveling, combining excellent compatibility with fast leveling performance.
- Suitable for use in primer, color, and topcoat applications, with outstanding recoatability.
- Includes defoaming properties, minimizing the occurrence of microbubbles and cratering.
- MAS exhibits good compatibility with UV resins and monomers.

Dosage Application

0.1-1.0% based on total formulation.

Solvent-based coatings, UV coatings, inks.

Precaution Storage Store in a cool, well-ventilated place at 0-40 °C. Keep containers tightly closed and away from heat and ignition sources.

Safety Refer to MSDS

Packaging 25 KG/Barrel

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For further detailed information, please contact our company directly.

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.

Revision date: 2024.01.02 Version: 4402 V1 2024