



SUPER-532

Special hyper-dispersant for aluminum slurry



Overview

SUPER-532 is a block copolymer super dispersant primarily used in the manufacture of aluminum paste to enhance brightness, whiteness, dispersibility, and prevent surface oxidation.

Physicochemical Properties

Appearance	Brown liquid	Composition	High molecular weight synthetic copolymer
Solid Content	≥98.0 %	Solvent	None
Density	0.96 g/ml		

Characteristics and Advantages

- A-B-A & B-A-B block copolymer super dispersant.
- Features a TAIL structure with affinity for pigments and metal pigments, possessing water-dispersible solvent affinity. Effectively wets and disperses metal pigments by firmly adsorbing on the pigment and metal pigment surfaces, forming a stable system.
- Used for pigment modification and surface treatment of metal pigments (ball milling and polishing stages).
- Enhances flowability and reduces viscosity during milling, shortening processing time and increasing productivity.
- Significantly improves brightness, reflectivity, coverage, and stability of pigments and metal pigments.

Dosage

During ball milling stage: 1.0-3.0%; During polishing stage: 1.0-5.0%

Application

Solvent-based aluminum paste processing.

Precautions & Storage

Store between 0-40 °C in a cool, well-ventilated area. Keep containers tightly sealed and away from heat and sources of ignition. In winter, the product may solidify at low temperatures and requires water bath heating before use. ◦

Safety

Refer to MSDS

Packaging

25 KG/barrel