

TIXOGEL MPZ

Product Data

Special Features and Benefits

- Maximum Performance Organoclay
- Multi-Purpose Rheological Additive

Recommended Use

TIXOGEL MPZ is a specially designed Organoclay for controlling rheology in a wide variety of applications. These include: Organic systems of medium to high polarity such as epoxy paints, nitrocellulose lacquers, polyester paints and fillers, polyurethane paints, acrylic paints, traffic paints and foundry washes.

Composition

Specially modified laminar aluminosilicate

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density: 14.12 lbs./U.S. gal. (1.7 g/cm³)
Particle Size: Ultimate Dispersed Particle Size <1 µm
Moisture Content: 3.0 % maximum
Color/Form: Light Buff Powder

Incorporation and Processing Instructions

TIXOGEL MPZ is easily dispersed using only high speed dispersion and can be added directly to the system; no pregel is needed. Polar additives are not required in most systems, however, the rate of viscosity development can be increased by the addition of 0.1 % water (based on total formulation weight).

TIXOGEL MPZ is effective over a wide range of systems and has no processing temperature requirements. However, caution should be exercised if solvents are stored outside during the colder months. TIXOGEL MPZ may behave abnormally in cold solvents. It is always best to add TIXOGEL MPZ to solvents that are at, or above, normal room temperature (20-22 °C). Due to a proprietary drying process and high level of purity, TIXOGEL MPZ is a highly efficient, easily dispersed, and lightly colored rheological additive. TIXOGEL MPZ is hydrophobic and moisture content is carefully controlled. These factors combine to virtually eliminate rheological variability. TIXOGEL MPZ dusts less than fumed silica or competitive Organoclays.

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