

TIXOGEL MP250

Rheological Additive

Product Data

Special Features and Benefits

TIXOGEL MP250 is a maximum performance modified montmorillonite designed to be used in aromatic and polar systems that exhibit medium to high polarity. TIXOGEL MP250 functions as a thixotropic rheology modifier generating properties such as flow control and anti-setting. TIXOGEL MP250 provides reliable and reproducible rheological properties in solvent based paints, stains, enamels, primers, and inks as well as other applications. TIXOGEL MP250 does not require the use of a polar activator to achieve full efficiency.

Recommended Use

- Oil based paints and stains
- Adhesives
- Caulks and sealants
- Cosmetics and personal care
- Inks

Typical Properties

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

Color:	Very light cream
Form:	Free flowing, finely divided powder
Moisture:	< 3.0 %
Loss on Ignition (1000 °C/1800 °F):	36.0-40.0
Specific Gravity (Density):	1.5 g/cc. (13.8 lbs./gal.)
Bulk Density:	300-400 g/l (19-25 lbs./ft. ³)
Dry Sieve Size:	70 % <75µm (70 % <200 mesh)

Incorporation and Processing Instructions

TIXOGEL MP250 does not require heat for dispersion. It may be incorporated in the grind phase and subjected to high shear. Alternatively, in many formulations TIXOGEL MP250 can be post added under high shear.

Recommended Levels

Use levels of TIXOGEL MP250 are typically 0.2 % to 2.0 % of the weight of the system.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Storage and Transportation

Typically TIXOGEL MP250 can be stored under dry conditions between temperatures of 0 °C and 30 °C (32 °F to 85 °F) for up to two years.

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