



Organic Bentonite Y1

DESCRIPTION

Organic Bentonite Y1 is a refined organoclay rheological additive designed for use in low-polarity solvent systems requiring thickening, suspension stability, and thixotropic performance. The product provides strong anti-settling properties, viscosity enhancement, and improved formulation stability across industrial coating, adhesive, sealant, grease, ink, and specialty chemical applications.

KEY FEATURES

- Strong thickening performance
- Excellent suspension stability
- Good thixotropic properties
- Improved anti-settling performance
- Suitable for low-polarity solvent systems
- Easy high-speed dispersion
- Fine free-flowing powder form

APPLICATIONS

- Solvent-based coatings
- Industrial paints and primers
- Adhesives and sealants
- Printing inks
- Lubricating greases
- Construction chemical formulations
- Rheology control systems
- Specialty chemical formulations

TYPICAL SPECIFICATIONS

PROPERTY	TYPICAL VALUE
Appearance	Light white to light yellow free-flowing powder
Granularity (<76 µm / 200 Mesh)	≥ 98%
Moisture Content (@ 105°C, 2 hrs)	≤ 3.0%
Arsenic Content (As)	≤ 5 mg/kg
Heavy Metal Content (Pb)	≤ 10 mg/kg
Colloid Fraction	≥ 95%
Viscosity	≥ 1.5 Pa·s
Loss on Ignition	31 – 34%



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25 kg kraft paper bags or customised packaging upon request.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated area away from moisture and direct sunlight. Keep containers tightly sealed when not in use to maintain product quality and handling performance.

SAFETY

Refer to the relevant Safety Data Sheet (SDS) before handling or use. Appropriate personal protective equipment should be used during handling and processing operations.