



Organic Bentonite R1A

DESCRIPTION

Organic Bentonite R1A is a refined organic bentonite rheological additive designed for use in coatings, inks, grease, sealants, and solvent-based systems requiring excellent suspension, thickening, and thixotropic performance. The product provides high gelling efficiency and viscosity development in low to medium polarity organic systems.

KEY FEATURES

- Excellent suspension properties
- Strong thickening performance
- Good thixotropy and rheology control
- High viscosity development
- Suitable for solvent-based systems
- Easy dispersion with high-speed mixing

APPLICATIONS

- Coatings and paints
- Printing inks
- Grease formulations
- Sealants
- Unsaturated polyester putty
- Organic solvent systems

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	Off-white free-flowing powder
Granularity (<76 μm / 200 Mesh), %	≥ 98
Moisture Content (% @ 105°C, 2 hrs)	≤ 3.0
Arsenic (As), mg/kg	≤ 5
Heavy Metals (Pb), mg/kg	≤ 15
Dry Powder Size (D97), μm	≤ 25
Viscosity (5% 200# Gel, 25°C), Pa-s	500 – 1500
Viscosity (7% Xylene Gel, 25°C), Pa-s	≥ 3.0
Bulk Density, kg/m ³	≤ 300
Loss on Ignition (% @ 850–900°C)	≤ 40



**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 incompatible materials. Keep packaging tightly sealed when not in use.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.