# RA-CS10

## Rheological Additive

### DESCRIPTION

RA-CS10 is an organoclay rheological additive designed for use in non-polar to medium polarity solvent systems including aliphatic solvents, ketones, esters, ether esters, alcohols, and aromatics. It provides efficient viscosity control, suspension performance, and rheology development across coatings, adhesives, inks, and related formulations.

### KEY FEATURES

- High rheological efficiency
- Light colour and high clarity gel formation
- Easy incorporation with no pre-gel requirement
- Eliminates need for polar activator in many systems
- Consistent rheology development
- Suitable for post-correction adjustments

### APPLICATIONS

- Paints & coatings
- Sealants & adhesives
- Printing inks
- Cosmetics
- Nano-composite systems

### TYPICAL SPECIFICATIONS

| Property | Specification |
|---|---|
| Composition | Organic derivative of montmorillonite clay |
| Appearance | Fine white powder |
| Moisture Content (105°C, 2hr) | ≤ 3.5% |
| Particle Size (% thru 200 Mesh) | ≥ 98% |
| Viscosity (20–25°C) | ≥ 900 mPa.s |
| Recommended Dosage | 0.2% – 1.0% |

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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

Supplied in kraft bags or PE-lined kraft composite packaging.
Custom packaging options are available.

## STORAGE & HANDLING

Store in a cool, dry, and well-ventilated area. Keep packaging sealed when not in use.
Product shelf life is 2 years under recommended storage conditions.

## USAGE

RA-CS10 can be added directly as a powder without the need for a polar activator or pre-gel preparation. For optimum performance, addition before the grinding stage is recommended. Improved rheological performance may be achieved when used with a polar activator and pre-gel process.

## SAFETY

Refer to the relevant Safety Data Sheet (SDS) before handling or use.
Appropriate PPE and safe industrial handling practices should be followed.