

CHUPOL M301

Anti-Mud/Clay Agent

Description

CHUPOL M301 is anti-mud/clay agent for reducing fluctuation of concrete fluidity. Concrete fluidity is affected depending on the amount of mud/clay in aggregates. Fluctuation of concrete fluidity can be reduced by applying PCE type admixtures containing CHUPOL M301 if the amount of mud/clay in aggregates varies. CHUPOL M301 makes it easy to control concrete fluidity and contributes to improvement of concrete quality.

Applications

- Ready-mix concrete
 - Precast / Prestressed concrete
 - Self-consolidating concrete (SCC)
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Advantages

CHUPOL M301 provides the following properties :

- Reduces fluctuation of concrete fluidity between concrete production batches
 - Provides high fluidity to concrete containing large amount of mud/clay
 - Makes it easy to control concrete quality
 - Dissolves in PCE type admixtures
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Dosage

A recommended dosage range of CHUPOL M301 is between 2 and 20% on PCE type admixtures. The dosage rate will vary according to concrete materials, ambient conditions and the specific requirements of concrete.

Characteristic

- Appearance : Light yellowish liquid
 - Active content : Approx. 60 %
 - Density (20°C) : Approx. 1.07 g/cm³
 - Chloride content : Nil
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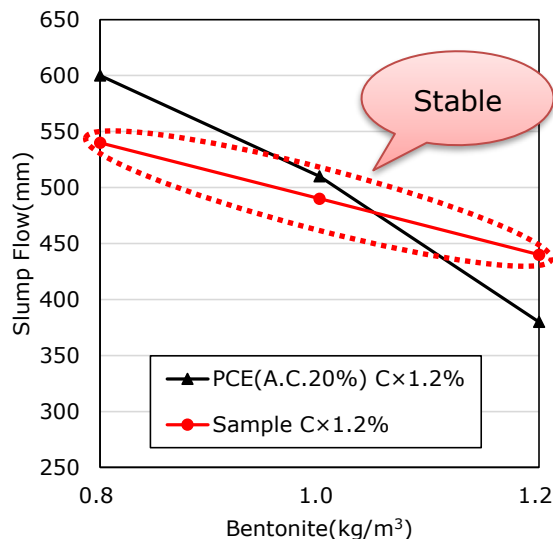
Performance Data

Reference : PCE type admixture **Polymer A** (A.C. 20%)

Sample : Mixture of **Polymer A** and CHUPOL M301

Polymer A (A.C. 20%) / **CHUPOL M301** (A.C. 60%) / Water = 75 / 8 / 17

Admixture	W/C (%)	Dosage (C x %)	Bentonite (kg/m ³)	Slump Flow (mm)
Reference	48.5	1.20	0.8	600
			1.0	510
			1.2	380
Sample	48.5	1.20	0.8	540
			1.0	490
			1.2	440



Storage

CHUPOL M301 should be stored in the range of 5 to 40 °C. Although freezing does not degrade the performance of CHUPOL M301, precautions should be taken to protect CHUPOL M301 from freezing. If CHUPOL M301 is frozen, please thaw and mix thoroughly with mechanical agitation.

Shelf Life

Shelf life when CHUPOL M301 is stored in unopened packaging is 18 months. Please contact TAKEMOTO regarding suitability for use and dosage recommendations if the shelf life of CHUPOL M301 has been exceeded.

Packaging

CHUPOL M301 is supplied in 200kg drums or 1,000kg totes.

Related Documents

Safety Data Sheet

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