

# CHUPOL LB-02

## Bleeding Reducing Agent / Viscosity Modifying Agent

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### Description

CHUPOL LB-02 is bleeding reducing agent / viscosity modifying agent for PCE type superplasticizers. CHUPOL LB-02 can prevent concrete segregation by modifying rheology. CHUPOL LB-02 contributes to improve workability and durability of concrete.

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### Applications

Ready-mix concrete

Precast / Prestressed concrete

Self-consolidating concrete (SCC)

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### Advantages

CHUPOL LB-02 provides the following properties :

- Reduces bleeding amount of concrete
  - Prevents concrete segregation by providing proper viscosity
  - Improves workability of fresh concrete
  - Enhances concrete durability by avoiding settlement crack
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### Dosage

A recommended dosage range of CHUPOL LB-02 is between 0.5 and 5% by weight of PCE type admixtures. The dosage rate will vary according to concrete materials, ambient conditions and the specific requirements of concrete.

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### Compatibility

CHUPOL LB-02 can be dissolved in PCE type admixtures.

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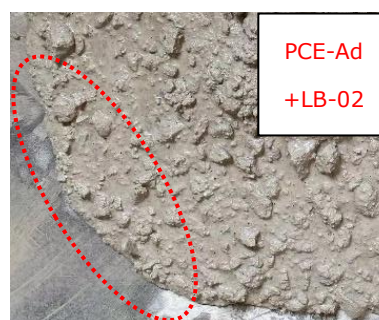
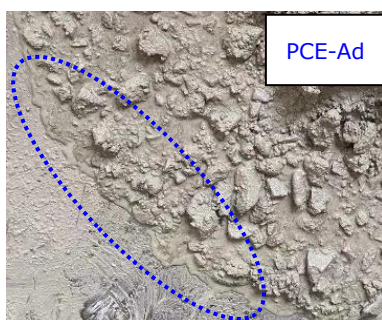
### Characteristic

- Appearance : Brownish liquid
  - Solid content : Approx. 20 %
  - Density (20°C) : Approx. 1.04 g/cm<sup>3</sup>
  - Chloride content : Nil
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## Performance Data

W/B	Unit weight (kg/m <sup>3</sup> )				
	Water	Cement	GGBS	Fine Agg.	Coarse Agg.
0.55	175	260	58	792	1051

Admixture	Dosage (C × %)	Slump Flow (cm)	Air Content (%)	Fresh Concrete	Compressive Strength (MPa)
					28 days
PCE-Ad only	0.90	53.5	0.7	Segregation	47.8
PCE-Ad (95%) + LB-02 (5%)	0.95	55.0	0.7	Uniformity	48.2



Pictures. Fresh Concrete Condition

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## Storage

CHUPOL LB-02 should be stored in the range of 5 to 40 °C. Although freezing does not degrade the performance of CHUPOL LB-02, precautions should be taken to protect CHUPOL LB-02 from freezing. If CHUPOL LB-02 is frozen, please thaw and mix thoroughly with mechanical agitation.

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## Shelf Life

Shelf life when CHUPOL LB-02 is stored in unopened packaging is 18 months. Please contact TAKEMOTO regarding suitability for use and dosage recommendations if the shelf life of CHUPOL LB-02 has been exceeded.

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## Packaging

CHUPOL LB-02 is supplied in 200kg of drums or 1,000kg of totes.

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## Related Documents

Safety Data Sheet

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