

CHUPOL A901

Early Strength Enhancing Agent

Description

CHUPOL A901 is highly effective early strength enhancing agent. CHUPOL A901 can improve early strength development without negative effect as rapid slump loss.

Dosage

A recommended dosage range of CHUPOL A901 is between 5 and 30% by weight of PCE type admixtures. The dosage rate will vary according to concrete materials, ambient conditions.

Characteristic

- Appearance : Light yellowish liquid
- Active content : Approx. 60 %
- Density (20°C) : Approx. 1.16 g/cm³
- Chloride content : Nil

Performance Data

W/C (%)	Unit weight (kg/m ³)				
	Water	Cement	Limestone Powder	Fine Agg.	Coarse Agg.
45.1	170	377	185	799	830

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

Amount : C × 1.20%

Sample : **Polymer A (AC20%) / A901 (AC 60%) = 85 / 15**

Amount : C × 1.40%

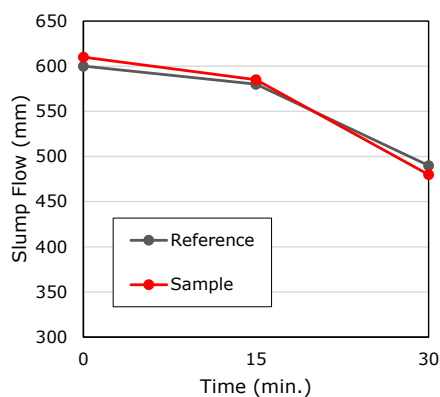


Fig 1. Result of Slump retention

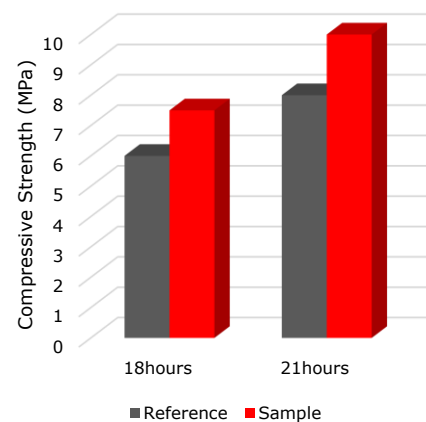


Fig 2. Result of Compressive strength