

Lyksor® PCCon 750

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# PCCon® 750

## Slump Retaining Polycarboxylate Copolymer for Concrete Admixtures

### **Product Definition**

PCCon 750 is a slump retaining polycarboxylate copolymer designed to produce polycarboxylate based chemical admixtures for high strength concrete. PCCon 750 provides excellent slump retention performance even in aggregates with very high methylene-blue values, besides improves both early and the ultimate concrete strength. PCCon 750 provides extended workability for long distance concrete operations.

## **Advantages and Properties**

- Provides high slump retention performance in fine aggregates with high methylene-blue values.
- It is suitable for slump retention type polycarboxylate based concrete admixtures.
- Provides effective workability in cements with high alkali content.
- Enables to produce flowable concrete mixtures with low water to binder ratios.
- Improves the early and ultimate strength of concrete.
- Provides high workability retention without significantly affecting the setting time of cement.

## **Technical Properties**

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Colour and form	Transparent – Liquid			
Chemical base	Polycarboxylate Copolymer			
Density (kg/lt)	1.0800 – 1.1200 (at +20 °C)			
pH	4.00 - 8.00			
Solid Content %	48.00 – 52.00			

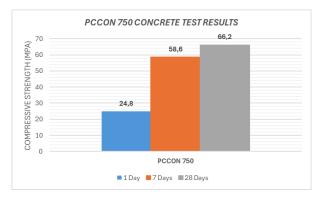




#### **Test Results**

Concrete Mix Design						
CemI 42,5R kg	W/C %	Fine Agg.	Coarse Agg.	Admixture % of Cem	Air Content %	
350	40%	53%	47%	0.6%	1.6%	

Test Results								
Slump	/Flow	(mm)	essive Strength (MPa)					
Initia l	30 min	60 min	1 day	7 days	28 days			
570	570	570	24.8	58.6	66.2			



BOS 150 9001:2015







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