



PCCon® 700

Water Reducing Polycarboxylate Copolymer for Concrete Admixtures

Product Definition

PCCon 700 is a water reducing polycarboxylate copolymer designed for the production of polycarboxylate based chemical admixtures for high strength concrete. Provides excellent water reducing effect in concrete, thanks to this effect reduces water amount, hence increases both early and ultimate strength.

Advantages and Properties

- Provides excellent water reduction in concrete.
- Provides effective workability in cements with high alkali content.
- It is suitable for specially high water reducing type polycarboxylate based concrete admixtures.
- Enables to produce flowable concrete mixtures with low water to binder ratios.
- Improves the early and ultimate strength of concrete.

Technical Properties

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%	0.5%	1.4%

Test Results					
Slump/Flow (mm)			Compressive Strength (MPa)		
Initial	30 min.	60 min.	1 day	7 days	28 days
650	640	610	27.1	55.3	60.7

