

## عنوان مقاله:

New Surfactant Molasperse CA for Production of WaterReducing Admixtures

## محل انتشار:

دومین کنفرانس بین المللی بتن و توسعه (سال: 1384)

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## خلاصه مقاله:

This paper presents the new surfactant calcium Molasperse CA. Calcium Molasperse CA has been developed as the base for the production of water-reducing concrete admixtures. This new surfactant is produced from molasses which is a by-product from the sugar manufacturing process and gives sugar producers the potential to provide the concrete admixtures market with local surfactants. Laboratory tests were carried out for the purpose of determining the properties of calcium Molasperse CA when used as a base for concrete admixtures production. The tests results revealed that calcium Molasperse CA has good water-reducing properties and a slight retardation effect in comparison with calcium lignosulphonate. These results show the possibility to design the water-reducing (WR) and .water-reducing retarding (WRR) admixtures with calcium Molasperse CA as the base

## کلمات کلیدی:

Calcium Molasperse CA, Calcium Lignosulphonate, Water-reducing Admixture, Water-reducing Retarding Admixture, Molasses, Concrete

## لینک ثابت مقاله در پایگاه سیویلیکا:

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