

Lyksor ® Calcium Naphthalene Sulfonate

High Range Water Reducing / Superplasticizing Raw material for Concrete Admixtures

Product Definition

Calcium Naphthalene Sulfonate based raw material designed for high water reducing in concrete admixture formulations as raw material.

Use

The product is used in the following conditions and applications.

- Ready-mix concrete requiring high workability and workability retention performance.
- Industrial floors.
- Reinforced concrete slabs and floors.
- Heavily reinforced concrete elements such as column, shear wall and beam.



Advantages and Properties

- Increases the abrasion resistance of concrete by reducing segregation and bleeding.
- Provides water reduce in concrete
- Enables to produce flowable concrete mixtures with low water to binder ratios.
- Provides high workability retention without significantly affecting the setting time of cement.

Technical Properties

Colour and form	Brown – Liquid
Chemical base	Calcium Naphthalene sulfonate resin
Density (kg/lit)	1,180 - 1,220(at +20 °C)
pH	5 - 9
Solid Content %	40 ± 2