

LP 270

New generation polycarboxylate hyperplasticizer

Meets the Israeli standards # 896

LP 270 represent a new modified generation of polycarboxylate hyperplasticizer.

LP 270 has been developed for application in the ready-mix concrete industries to achieve high performance concrete.

LP 270 is based on carboxylic acid copolymer with retarder that improves cement dispersion, fluidity and strength in concrete, improve slump retention than standard superplasticizers.

Chloride free.

Features:

- Improve workability with low water content.
- Improve early & ultimate strengths of concrete.
- increased durability
- Decrease bleeding of materials separation.
- Less vibration required
- Low water/cement ratio
- Better resistance to aggressive environments.
- Improves concrete surface.
- Decreases shrinkage and creeps

Application:

- Precast concrete
- ready mix concrete
- self-compacting concrete (SCC)
- pumped concrete
- concrete with slag cement
- early and ultimate high strength concrete

Application Notes:

LP 270 is a ready-to-use admixture to be added to the concrete during mixing.

It is most effective when added after the additional of the first 50-70% of the mixing water.

Avoid adding the admixture to the dry aggregate or sand.

The mixing time should be long enough to allow the admixture to rich its complete effect.

LP 270 can be used with other Larisplast admixture, please ask for our advisory service.

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LarisPLAST Ltd.

ADVANCED PRODUCTS FOR CONCRETE AND BUILDING

Specifications

Appearance: clear yellow brownish liquid

PH: 5±2

Specific Gravity: 1.095 ±0.05

Dosage:

The normal dosage range of LP 270 is 0.8%-2.0% from the cement weight.

Possible to use different dosages for special works, but then it requires preliminary experience.

- **is not compatible with admixtures containing melamine or Naphthalene sulfonate**

Handling and Storage:

- Non-flammable & non-toxic. In contact with skin or clothing, wash with water.
- Recommended to store LP 270 at moderate temperature (5°C-30°C)
- Before use, please check and read through MSDS
- Shelf life: 12 months

Packing:

LP 270 is available in 1000 liter.

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