PC-P2

Pumping Aid Agent for Ready Mixed Concrete

Description
PC-P2 is a 3rd generation polycarboxlate based superplasticizer with set retarding effect. It has been formulated to comply with ASTM C-494 Type F & G.

Uses
PC-P2 is suitable for the production of site mixed as well as ready-mix following types of concrete:
- Concrete with highest water reduction
- High strength/High performance concrete
- Excellent and retained workability concrete
- Flowable to Self Compacting Concrete

Advantages
PC-P2 combines different modes of actions resulting in optimum dispersion of the binder and at the same time improves cohesion of concrete.
PC-P2 has the following advantages:
- Extremely high water reduction, consequently durable concrete providing high density concrete, high strength can be produced
- Thanks to high water reduction and optimum cement dispersion, it improves shrinkage and creep behavior
- Provides an excellent workability that can be retained for up to 2 hours.
- Increases early and final strengths that can allow substantial cement reduction.
- Improves impermeability of concrete by reducing water/cement ratio.

- Increases cohesion without segregation that facilitates pumping
- Can be used at low dosages

Typical Properties

<table>
<thead>
<tr>
<th>Items</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>colorless transparent or pale yellow liquid</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.065 - 1.085kg / litre</td>
</tr>
<tr>
<td>pH value</td>
<td>4.50-6.00</td>
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