High Performance Polycarboxylate Superplasticizer

LIAONING KELONG FINE CHEMICAL CO., LTD.
Company Profile

Liaoning Kelong Fine Chemical Co., Ltd. was founded in 2002, consisting of over 500 staffs by now, among which the 30 are research specialist staff with master and doctor degrees.

The company is a fine chemical supplier based on ethylene oxide and has satisfied perfect product lines for polycarboxylate-based superplasticiser, cutting fluid of silicon for solar energy, polyester elastomer, multifunctional finishing agent, coating additives, food additives and building materials additives. Its products have been widely used in daily use, medicine, spinning and textile printing, coating, printing ink, oil exploitation, metal processing, building and IT industries.
The company comes out among the best suppliers of polycarboxylate-based superplasticiser at home, and has customers across the country and products well sold in America, Russia, Japan, Korea, Israel, Malaysia and New Zealand, etc. The 8 offices set throughout the country aim to better serve our customers with the best and quickest quality products and technical supports.
F-1088
New polyether monomer

Description
F-1088 is a new polycarboxylate macronomer derived from F-108.

3. Compounding with unique monomer, mixing volume is 0.6% by F-1088.

4. Easy to polymerize.

Characteristics
1. High water reduction, high early strength, low alkali, low foam, low energy consumption.

2. High slump retention, increase 5% than that of F-108 on the same water reducing rate.

Physical & Chemical properties

<table>
<thead>
<tr>
<th>Items</th>
<th>Units</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual Appearance</td>
<td>/</td>
<td>White to yellowish</td>
</tr>
<tr>
<td></td>
<td></td>
<td>flake</td>
</tr>
<tr>
<td>Hydroxyl value</td>
<td>MgKOH/g</td>
<td>23.5±2.0</td>
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<tr>
<td>PH (5%aq.solution)</td>
<td>/</td>
<td>8.0-11.0</td>
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<tr>
<td>Degree of unsaturation</td>
<td>Mol/kg</td>
<td>≥0.90</td>
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Package & Storage
Packed in 25kg bag, the shelf-life is 1 year and stored at cool and ventilated place.