AFCONA - 2505

Chemical Composition
Organically modified Polysiloxane

Product general description
Water based defoamer and anti-foam, especially for micro foams

Product Properties
AFCONA-2505 is an organically modified polysiloxane which designed to give good defoamer and anti-foam in all water based coating. It has excellent performance against micro foam.

AFCONA – 2505 have below performance and properties:
1) It has very good performance in high shear application. Under high shear environment such as long period of grinding, it still can maintain it good defoaming and anti-foam performance. Thus very suitable to use as defoamer in pigment concentration preparation and high speed flexo printing process.
2) It also effective as defoamer in normally coating ranging from PU dispersion to normal acrylic based decorative paint.
3) Beside good defoaming and anti-foam properties, it also has excellent performance against micro foams.
4) It has low sensitivity against crater formation.

Product specification

<table>
<thead>
<tr>
<th>Active ingredients</th>
<th>&gt; 96%</th>
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<tbody>
<tr>
<td>Density at 20 °C</td>
<td>0.97 - 1.02 g/cm³</td>
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<tr>
<td>Flashpoint</td>
<td>&gt; 100°C</td>
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<tr>
<td>Appearance</td>
<td>transparent to slight yellowish liquid</td>
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Addition and dosage
0.05 – 1.00% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.25% based on total formulation. In pigment paste preparation, normal dosage will be ranging from 0.5 to 1.0%

Incorporation
AFCONA-2505 can be added at any stage during the production process.

Storage
AFCONA-2505 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container

Packaging
25 kg and 190 kg non-returnable containers