AFCONA - 2027

Chemical Composition
Silicone-containing defoaming polymer modified with fluorocarbon.

Product general description
A moderate defoamer with minimal side effects

Product Properties
AFCONA-2027 prevents the formation of foam and blisters during manufacturing and application. It offers a combination of good defoaming and compatibility with most resin systems. It is recommended for medium-viscosity applications applied by spray and brush.

AFCONA-2027 is a version of AFCONA – 2025 offered in Ethyl Acetate solvent. This product was specially created for printing ink applications. It can be used in low polar to high polar systems. Thus, it can be used in all printing ink systems, including offset, gravure, flexo and UV systems.

For coatings, it is the most suitable defoamer for aliphatic hydrocarbon systems where no aromatic or ketone solvents are allowed.

Product specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Solvent</td>
<td>Ethyl Acetate</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.89 - 0.91 g/cm²</td>
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<tr>
<td>Refractive index</td>
<td>1.367 – 1.377</td>
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<tr>
<td>Flashpoint</td>
<td>-1 °C</td>
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<tr>
<td>Appearance</td>
<td>slightly yellowish to transparent liquid</td>
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Addition and dosage
0.1 - 1.0% on total formulation. Under normal conditions, 0.20 – 0.40% based on total formulation is sufficient.

Incorporation
AFCONA-2027 may be incorporated prior to processing. If it is added subsequently, good dispersion must be ensured.

Storage
AFCONA – 2027 should be stored in a cool, dry place. When stored in its original, unopened container, it will keep up to 5 years from the date of manufacture. The expiration date is indicated on the container.

Packaging
55 lb and 375 lb non-returnable containers