AFCONA - 3030

Chemical Composition
Organically modified polyether polysiloxane

Product general description
Slip and leveling additive for solvent and water-based systems

Product Properties
AFCONA-3030 is a polyether-modified polysiloxane. It is recommended as a slip and leveling agent for all solvent-based coatings to prevent Bénard Cells, provide levelling and prevent craters.

AFCONA-3030 can be used as leveling and anti-crater agent in both water- and solvent-based applications. However, this product may stabilize foam in water-based coatings.

AFCONA – 3030 is especially recommended as:

1) A cost-effective slip and leveling agent for air-drying alkyd systems
2) An effective anti-crater agent for polyurethane systems. This product may also reduce inner bubble sensitivity in polyurethane systems.
3) A superior additive against Bénard Cells in all solvent-based systems
4) A slip and leveling agent that is suitable for industrial heat-cured systems, where curing temperature is less than 170°C
5) An additive to the grinding phase to improve the wetting and grinding speed of pigments

AFCONA-3030 is not recommended for foam-sensitive systems such as solvent-free epoxy floor coatings (it may stabilize foam in these systems).

Product specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Active ingredients</td>
<td>50 – 54%</td>
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<tr>
<td>Solvent</td>
<td>Isobutanol</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.90 - 0.92 g/cm³</td>
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<td>Refractive index</td>
<td>1.415 - 1.425</td>
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<td>Flashpoint</td>
<td>27 °C</td>
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<tr>
<td>Appearance</td>
<td>transparent to slightly yellowish liquid</td>
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Addition and dosage
AFCONA-3030 may be added at 0.1 - 1.0% based on total formulation. Under normal conditions, 0.2 – 0.5% based on total formulation is sufficient.

Incorporation
AFCONA-3030 may be added at any stage of the production process. When added during the dispersion process, it aids in pigment wetting.

Storage
AFCONA-3030 should be stored in a cool, dry place. When kept 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 397 lb non-returnable containers

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