Chemical Composition
Polymer of carboxylic acid and polyamide

Product general description
Cationic wetting and dispersing additive to improve the wetting of pigment surfaces, especially carbon black and organically treated Bentonites.

Product Properties
AFCONA-5030 is an additive for pigment dispersion. It reduces the interfacial tension between pigments or extenders and the vehicle. It stabilizes the pigments through electrical charge repulsion forces.

AFCONA – 5030 has the following special properties:
1) AFCONA – 5030 is a very compatible polymer. It can be used in all resin systems, ranging from nonpolar to highly polar systems
2) This product is especially recommended for artificial leather, PU shoe sole, polyurethane, and alkyd and polyamide for printing ink systems.
3) Due to its high amine value, AFCONA – 5030 cannot be used in amine sensitive systems, such as aromatic cure polyurethanes. In epoxy systems, it should be used only if the pigment is dispersed in the amine part.

Note: AFCONA – 5030 will become slightly hazy at temperatures below 5° C. This will not influence the performance of the product.

Product specification
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Active ingredients</td>
<td>50 - 54%</td>
</tr>
<tr>
<td>Solvents</td>
<td>Alylbenzene / PMA</td>
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<tr>
<td>Density at 20 °C</td>
<td>0.92 - 0.93 g/cm³</td>
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<tr>
<td>Amine value</td>
<td>185 - 215mg KOH/g</td>
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<tr>
<td>Flashpoint</td>
<td>45°C</td>
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<tr>
<td>Appearance</td>
<td>transparent yellowish to brownish liquid</td>
</tr>
</tbody>
</table>

Addition and dosage
0.5 - 5.0% based on inorganic pigments
20.0 - 50.0% based on organic pigments
25.0 - 40.0% based on carbon black

Incorporation
When used in mill-bases, add before grinding. In Bentonite dispersions, use as follows:

85-87 parts of solvent
10 parts of Bentonite
5- 3 parts of AFCONA-5030
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100 parts

Storage
AFCONA-5030 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