**AFCONA – 5280**

**Chemical Composition**
Cationic/anionic co-polymer with pigment affinity groups

**Product general description**
Wetting and dispersing additive for solvent-based paints

**Product Properties**
AFCONA - 5280 is overall the best conventional wetting and dispersing additive. It is economical, yet still offers very good performance in pigment stabilizing. The performance of AFCONA – 5280 is close to that of high molecular weight dispersing agents.

AFCONA – 5280 has the following special properties:
1) Very good performance in alkyd based systems like NC, heat-cured paint and air-drying alkyd.
2) Suitable for oil- and solvent-based printing inks. It has very good alcohol solubility.
3) Good co-grinding agent for all solvent-based systems.
4) Combined with the universal resin AFCONA – 1102, this product is recommended for the preparation of universal pigment concentrates. These pigment concentrates have the following advantages:
   - Easy incorporation (even by hand stirring) in NC, thermoplastic acrylic, CAB and polyurethane
   - Economical, because AFCONA – 5280 is nearly 100% active
   - Good pigment stability for most pigments, even with PV23

Note: AFCONA – 5280 will become slightly hazy at temperatures below 5°C. This will not influence the performance of the product.

<table>
<thead>
<tr>
<th><strong>Product specification</strong></th>
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<tbody>
<tr>
<td>Active ingredients</td>
<td>≥96%</td>
</tr>
<tr>
<td>Density at 20 °C</td>
<td>0.95 – 1.05 g/cm³</td>
</tr>
<tr>
<td>Acid value</td>
<td>25 – 40 mg KOH/g</td>
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<tr>
<td>Amine value</td>
<td>20 – 35 mg KOH/g</td>
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<tr>
<td>Color</td>
<td>max. 18</td>
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<tr>
<td>Appearance</td>
<td>dark brown liquid</td>
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</tbody>
</table>

**Addition and dosage**
0.5 - 1.5% based on TiO₂ or extenders
3.0 - 5.0% based on other inorganic pigments
10 – 30% based on organic pigment.

**Incorporation**
AFCONA - 5280 should be added prior to the pigment dispersion process.

**Storage**
AFCONA - 5280 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 441 lb non-returnable containers

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**AFCONA ADDITIVES**
Web Site: www.afcona.com
This datasheet is intended to give technical guidance without any obligation
This TDS was modified and created for NA Region