**AFCONA – 5290**

**Chemical Composition**
Polymer with pigment affinity groups

**Product general description**
100% solids high molecular weight dispersant

**Product Properties**
AFCONA – 5290 is a 100% solid dispersant created for high-solid systems and formulations that are facing VOC limitations.

AFCONA – 5290 is suitable for all solvent-based systems ranging from low to high polarity, including air-dry alkyd.

AFCONA – 5290 has very good pigment stability and performance. It gives good viscosity reduction and high color strength.

AFCONA – 5290 is provided with almost 100% active ingredient; therefore, it is an excellent dispersant for high-solid coatings like polyurethane, epoxy and UV coating.

This product is also a very interesting dispersant for ink formulations. The 100% active nature of AFCONA-5290 allows the formulator free choice of solvents for the finished product.

Note:
AFCONA – 5290 will become slightly hazy at temperatures below 5° C. This will not influence the performance of the product.

**Product specification**
- **Active ingredients**: ≥ 96%
- **Density at 20 °C**: 1.015 - 1.035 g/cm3
- **Reflective index**: 1.455 – 1.465
- **Acid Value**: 5 – 15mg KOH/g
- **Amine value**: 4 - 12 mg KOH/g
- **Color**: max. 8

**Addition and dosage**
Calculation method for the required amount of active ingredient based on pigment:

- TiO2 : 2 - 3%
- Other inorganic pigments : 2 - 4%
- Organic pigments : 20 - 40%
- Carbon blacks : 20 - 60%

**Incorporation**
AFCONA – 5290 should be incorporated to the mill base before adding pigments.

**Storage**
AFCONA – 5290 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 419 lb non-returnable containers