NAC-DS 1080

Wetting and Dispersing Additive

Solvent-free wetting and dispersing additive for solvent-borne, solvent-free and water-based coatings and printing inks, as well as pigment concentrates, for stabilizing inorganic and TiO_2 pigments.

Product Data

Composition: Copolymer with pigment affinic groups

Typical Properties:

Note: This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product.

Physical Form:	Yellowish liquid
Active Content:	100%
Acid value:	60-80 mg KOH/g
Non-volatile matter (10 min., 150 °C):	100%

Applications

Applications > Recommended for > Particularly Recommended: Coatings > Water/Solvent based systems > Water/Solvent-based systems

Recommended Levels:

Note: The properties and performance of the additive are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance before use.

Based on	
Total formulation weight:	0.3-1%
Titanium dioxide:	2-4%
Organic pigments:	6-8%
Carbon black:	8-10%

Special Feature: Compatible with all resin types.

Incorporation and Processing Instructions: For optimum performance, the additive must be incorporated into the mill base before the addition of pigments.

Storage and Transportation: Separation or turbidity may occur at low temperatures. Heat to 30-40 °C and stir. The minimum shelf life in closed containers is 12 months from the date of manufacture.