

DESCRIPTION

CARBOWET® GA-221 is a non-ionic grind aid for waterborne formulations with focus on organic pigments and carbon blacks. Low influence on the coating properties.

KEY BENEFITS

- dynamic pigment and substrate wetting
- very good for organic pigments and carbon blacks
- minimal impact on coating properties

SUITABILITY

| waterborne | solventborne |
|---------------------------------|---------------------------------------|
| ● | ● |
| 2-pack 100% | radiation-curing |
| ● | ● |
| direct grind | resin-containing pigment concentrates |
| ● | ● |
| resin-free pigment concentrates | |
| ● | |

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Architectural paints
- General industrial coatings
- Wood coatings
- Pigment concentrates

TECHNICAL DATA

| | |
|------------------------------|---------------------------|
| active matter content | 70 % |
| appearance | clear, pale yellow liquid |
| chemical description | surface active polymers |
| solvent | water |
| viscosity at 21°C | Approx. 100 mPas |

SOLUBILITY

| Water | Ethanol |
|--------------|-----------------|
| ● | ● |
| TPGDA | Acetone |
| ● | ● |
| Butylacetate | Mineral Spirits |
| ● | ● |

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.0 - 3.0 %
To improve intermediate stabilization as supplied calculated on total formulation: 0.5 - 2.0 %

PROCESSING INSTRUCTIONS

Add before grinding.

HANDLING & STORAGE

- When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.
- Keep away from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

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