

# CRAYVALLAC® WW-1001

Dispersion of polyethylene wax in water

## Wax dispersion

### TYPICAL CHARACTERISTICS

Nature	<b>Polyolefin</b>
Appearance	<b>Low viscous white milky liquid</b>
Solid Content (%)	<b>Approx. 40%</b>
Active Content (%)	<b>40</b>
Brookfield viscosity (mPa.s)	<b>Approx. 100</b>
Specific gravity	<b>1</b>

### DESCRIPTION

CRAYVALLAC® WW-1001 is a 40% active dispersion of polyethylene wax in water. The low viscosity and high active content of this dispersion, together with freedom from dust, assist the efficiency of manufacturing processes. CRAYVALLAC® WW-1001 provides the formulator with the means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

### RECOMMENDED ADDITION LEVEL

1.0 – 6.0% under low to medium shear dispersion

### STANDARD PACKAGING

Other packaging may be available upon request

- 200 Kg Drum
- 20 Kg Pail

### HANDLING & STORAGE

It should be stored in the original containers in a dry place at temperatures between 5°C (41°F) and 30°C (86°F). Avoid exposure to direct sunlight or frost.

Exposure to temperatures less than 5°C may result in product agglomeration and settling.

In these conditions, this product should be used within 24 months from production.

### PROCESSING INSTRUCTIONS

CRAYVALLAC® WW-1001 is readily dispersed into coating formulations using a variety of techniques. It also retards the settlement of pigments and assists in their re-dispersion. The use of pre-dispersed waxes, such as CRAYVALLAC® WW-1001, avoids the inconveniences commonly associated with micronised powders.

Dispersions by nature are also easier and more efficient to incorporate, as they require less intensive processing.

### HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

### MARKET

#### Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating

### KEY BENEFITS

#### FORMULATION

- **Post addition**
- **Ready to use**
- **Easy handling**



#### FILM PROPERTIES

- **Abrasion resistance**
- **Blocking resistance**
- **Matting effect**



- **APEO free**
- **Bacteria resistance**
- **Heavy metal free**
- **Solvent-free**

**Yes**  
**Yes**  
**Yes**  
**Yes**