

# CRAYVALLAC® WW-1077

PTFE modified polyethylene wax dispersion in water  
**Wax dispersion**

## TYPICAL CHARACTERISTICS

|                              |                                       |
|------------------------------|---------------------------------------|
| Nature                       | <b>PTFE modified wax</b>              |
| Appearance                   | <b>Low viscous white milky liquid</b> |
| Solid Content (%)            | <b>Approx. 50%</b>                    |
| Active Content (%)           | <b>50</b>                             |
| Brookfield viscosity (mPa.s) | <b>Approx. 600</b>                    |
| Specific gravity             | <b>1.01</b>                           |

## DESCRIPTION

CRAYVALLAC® WW-1077 is a 50% active dispersion of PTFE modified 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-1077 with its PTFE modification 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%  
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. In these conditions, this product should be used within 24 months from production.

## PROCESSING INSTRUCTIONS

CRAYVALLAC® WW-1077 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-1077, 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**



### APPLICATION

- **Temperature resistance**



### FILM PROPERTIES

- **Abrasion resistance**
- **Scratch resistance**
- **Slip improvement**



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