CRAYVALLAC® WF-1000

Micronised PTFE wax
Micronised wax

Typical Characteristics

Nature	**PTFE modified wax**
Appearance	**Off-white micronized powder**
Solid Content (%)	**100**
Active Content (%)	**100**
Particle size distribution	**DV. 5: 4.0 – 9.0 µm**

Description

CRAYVALLAC® WF-1000 is a micronised PTFE wax.CRAYVALLAC® WF-1000 provides an excellent aid to controlling the frictional characteristics of a coating as well as enhancing its surface protection properties. Furthermore, the very high melting point of CRAYVALLAC® WF-1000 makes it an excellent choice for high temperature applications.

Recommended addition level

0.5–3.0% under low to medium shear dispersion

Standard Packaging

Other packaging may be available upon request

- 15 Kg Bag

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 48 months from delivery.

Processing instructions

CRAYVALLAC® WF-1000 may be used in both water-based and solvent-based ink and coating formulations. In these applications CRAYVALLAC® WF-1000 may be used as the sole modifier or in combination with other waxes. CRAYVALLAC® WF-1000 is readily dispersed into coating formulations using a variety of techniques e.g. high-speed dispersers, bead mills and triple roll mills.In general, micronised powders are best incorporated into coating systems by pre–mixing with the binder. Alternatively, they may be added to the formulation immediately following the dispersion stage but prior to the final letdown.

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.

Key Benefits

Formulation
- Ready to use
- Easy handling
- Post addition

Application
- Temperature resistance

Film Properties
- Abrasion resistance
- Blocking resistance
- Scratch resistance

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