

Micronized polyethylene wax with good gloss retention

Micronised wax

Typical Characteristics

Nature	Polyolefin
Appearance	Off-white micronized powder
Active Content (%)	100
Bulk density	0.25-0.30
Particle size distribution	DV. 5 : 5.0 µm

Description

CRAYVALLAC® WN-3025 is a finely micronized hard polyethylene wax.

CRAYVALLAC® WN-3025, with its well-balanced performance properties, is of particular interest to the ink formulator. Here it provides an excellent balance between high rub resistance and good slip, yet with minimal detracting from gloss.

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® WN-3025 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 waxes are best incorporated into coating systems by premixing with the binder. Alternatively, waxes 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.

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating

Key Benefits

Formulation

- Ready to use
- Easy handling
- Post addition

Film Properties

- Abrasion resistance
- Gloss
- Scratch resistance

APEO free: Yes

Bacteria resistance: Yes

Heavy metal free: Yes

Solvent-free: Yes