

TECHNICAL DATA SHEET

CRAYVALLAC® WN-1442

Finely micronised modified polyethylene wax

Micronised wax

TYPICAL CHARACTERISTICS

Nature	Polyolefin
Appearance	Off-white micronized powder
Active Content (%)	100
Particle size distribution	DV. 5 : 5 - 7 µm
Melting Point (°C)	113

DESCRIPTION

CRAYVALLAC® WN-1442 is a matting agent for use in liquid coatings while enhancing surface properties such as scratch and abrasion resistance. Its fine particle size distribution is providing enhanced performance and ease of incorporation.

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 production.

PROCESSING INSTRUCTIONS

CRAYVALLAC® WN-1442 is readily dispersed into coating formulations using a variety of techniques e.g. high-speed dispersers, bead mills. In general, micronised waxes are best incorporated into coating systems at the first stage of formulation. 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.

MARKETS

Packaging

Composites & Advanced Materials

- Graphic Arts

Coatings & Inks

- Architectural Coating
- Industrial Coating

Chemical & Plastic Industry

- Chemical & Plastic Distribution

KEY BENEFITS

FORMULATION

- Ready to use
- Easy handling
- Post addition



FILM PROPERTIES

- Matting effect
- Scratch resistance
- Abrasion resistance



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*
- Solvent Free*

* Not intentionally added but not specifically measured (not part of product specification)

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80