



# Viscowax 112

CAS No.: 9002-88-4

# Viscowax 112

Viscowax 112 is a non-oxidised, non-polar polyethylene wax.

## Applications

Plastic processing

- Lubricant for PVC
- Carrier material and dispersing aid in pigment and additive concentrations

Printing inks

- Abrasion prevention

Lacquers and varnishes

- Matting agent, abrasion prevention

Paraffin compounding, candle industry

- Increase of solidification and drop points

Polishes

- In solvent-containing and low solvent applications

Hotmelts

- Viscosity adjustment

## Product Specification

|                                    | Value       | Unit                | Method             |
|------------------------------------|-------------|---------------------|--------------------|
| Viscosity (@ 140°C *)              | 100 - 200   | mm <sup>2</sup> /s  | DGF M-III 8        |
| Drop point *                       | 110 - 115   | °C                  | DGF M-III 3        |
| Solidification point               | 100 - 105   | °C                  | DGF M-III 4a       |
| Needle penetration                 | ≤ 1         | 10 <sup>-1</sup> mm | DGF M-III 9b       |
| Hardness                           | 200 - 500   | bar                 | DGF M-III 9c       |
| Density                            | 0.93 - 0.95 | g/cm <sup>3</sup>   | DIN EN ISO 1183, C |
| Molecular weight (M <sub>n</sub> ) | 2100        | g/mol               | GPC                |
| Type of delivery                   | fine grain  | -                   | visual             |
| Appearance                         | white       | -                   | visual             |

\* General supply specification

DGF: Test methods of the Deutsche Gesellschaft für Fettwissenschaft e.V. Münster i.W.

### Food Legislation

Visc wax 112 has been licensed for the manufacture of consumer goods for the contact with food in several cases.

- EU: 2002/72/EC, 2005/79/EC
- USA: FDA CFR 21 § 177.1520
- Germany: BfR-Recommendations XXV, II, IX, XXXVI, XLVIII, LII

### Safety and Toxicology

Visc wax 112 has not been classified as a hazardous material in accordance with the Hazardous Materials Ordinance and therefore they do not require marking. The product does not contain heavy metals. It is insoluble in water and has no harmful effect on fish and bacteria. Disposal of the product is to be carried out in accordance with the local regulations. For further information please see the relevant Safety Data Sheet at [www.innospecinc.com](http://www.innospecinc.com)

### Packaging, Shipment and Storage

Visc wax 112 is shipped palletised (preferably 750 kg each) and shrink-wrapped as dust-free powder in paper or PE sacks of 25 kg each. Shipment in big bags of different sizes is possible upon request. The product shall be stored in its original packaging at room temperature in a dry place. It must not be stored together with amines. Avoid direct sun radiation and water contact.



For further information, please email your region:  
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