



VISCOWAX® 2628V

Oxidized PE-wax

CAS Number: 68441 - 17 - 8

VISCOWAX® 2628V is a new low viscous oxidized polyethylene wax (development product)

Characteristics	Reference Value	Units	Test Method
Acid Value *	26 - 28	mg KOH/g	DGF M-IV 2
Viscosity @ 140°C *	30 - 80	mm ² /s	DGF M-III 8
Drop Point *	100 - 110	°C	DGF M-III 3
Needle Penetration	≤ 6	10 ⁻¹ mm	DGF M-III 9b
Density	0.94 - 0.96	g/cm ³	DIN EN ISO 1183, C
Type of delivery	fine grain	-	Visual
Appearance	white – yellowish	-	Visual

* general supply specification

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

VISCOWAX® 2628V can be used in many different applications. Please contact us to get more information about the special properties of our product and the potential use / advantage in your application.

Benefits created by Product

Improved plastic processing:

combination of polarity and low viscosity provides good lubrication and release properties

Broad applicability in water-based emulsions:

highly polar polyethylene wax exhibits excellent emulsifiability

Improved dispersing and wetting:

polar groups at non-polar wax enable better stabilization of pigments

Chemical Description

Highly oxidized, low viscous polyethylene wax.

Safety

VISCOWAX® 2628 has not been classified as hazardous materials in accordance with the Hazardous Materials Ordinance and therefore they do not require marking.

Please refer to the Safety Material Data Sheet for further safety-relevant information.



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Main Scope of Application

Lubricant for PVC processing

- strong decrease of friction heat when applied purely or in a mixture of waxes

Application in water-based emulsions

- shoe / leather polish – long durability on shoe and high gloss
- floor and furniture polish (wood varnish)
- release agent & lubricant – low viscosity allows fine-tuning for desired application
- textile industry – exhibits better sewability and finishing of textiles

As part of hydrophobing agent in gypsum paperboard

- applied as mixture with paraffin waxes for quick drying and low water absorption of plasterboard

Applicable in coatings and printing inks

- increased slip and lubricity with better rub and block resistance
- most favoured application in industrial, marine and container coatings or liquid inks

Dispersion aid for pigment- and additive concentrates

- allows incorporation of additives or pigments in polyethylene based masterbatches

Please do not hesitate to contact us for further details.

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The general points listed correspond to our current knowledge and have been elaborated to the best of our belief and under consideration of professional care. Herewith, we do not guarantee definite properties nor suitability for a particular application. It is the customer's duty to particularly check suitability of the product for the use intended.