

**PRODUCT INFORMATION**

# CEVO-protect O-6211

## Product Description

CEVO-protect O-6211 is a special wax blend, based on polymer waxes, hydrocarbon waxes and stearates.

## General Advantages

Depending from the concentration, clear solutions of CEVO-protect O-6211 in hot organic solvents crystallize to form very finely divided liquid dispersions, gels or pastes when the heated solution is cooled under stirring. The received wax preparations have a very slightly solvent retention when the wax dispersion is dried. On a surface they form very dense, buffable films.

## Examples of Use

- CEVO-protect O-6211 films are impermeable to air, corrosive gases, water, salt solutions, acids, alkalis, coolants and other aggressive substances. These films are therefore very good for protecting metal surfaces from corrosion, e.g. during transportation by sea or during storage of new tools, machinery and motors to preserve the coated surface of new motor vehicles, refrigerators, washing machines, etc. and for car underbody protection. CEVO-protect O-6211 is also used as stop-off wax, e.g. in galvano applications.
- Very finely divided, liquid wax dispersions can be prepared that dry to form a very glossy and dense, easy to polish film. This is very important for polishes applied to floors and car bodywork or other substrates (other tin surfaces, furniture, parquet), which requires a good film formation.
- Dispersions of CEVO-protect O-6211 can be used in injection moulding as a mould release agent for thermosets, e.g. polyurethanes.
- The consistency of the wax dispersion can be adjusted from liquid to pasty by choosing the adequate proportion and concentration of CEVO-protect O-6211 and if necessary other additional waxes.
- Technical information brochure available upon request.

## Delivery Specifications \*

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	10 – 14	ISO 2114
Saponification value*	mg KOH/g	17 – 25	ISO 3681
Drop point*	°C	104 – 112	ASTM 3954
Colour	–	off-white	AA 3.2.1.505
Viscosity @ 120 °C	mPas	90 – 120	AA 3.2.1.520

## Packaging and Handling

Physical form	Pastilles
Packaging	Paper bag or Big Bag
Storage	Store at ambient temperature on a dry place. Protect from heat/overheating and direct sunlight. The minimum remaining period is 1.5 years and is defined as the minimum shelf life at the customer. Thereafter, tests of the chemical characteristics are recommended. The maximum shelf life of 5 years is indicated.

## Safety

CEVO-protect O-6211 is not classified as carcinogenic, mutagenic or reprotoxic; no health or environmental hazards are known, provided it is applied in industrial and professional settings.

For more information, consult SDS.

## Delivery Time and Availability

Standard delivery time: 2 – 3 weeks. Preconditions can be met for achieving shorter delivery times on standard products when demanded by the market.

Remark: Voelpker's R&D department is permanently developing new (tailor-made) special wax blends for mould release applications. Please contact us for your individual requirements.

## Legislation

Food contact legislation:

- Product for technical applications

Other legislation:

- REACh compliant; all components registered or exempt (polymers, salts of fatty acids)
- RoHS and CONEG compliant
- Ingredients listed in all relevant National Inventories

For further information, please contact [application@voelpker.com](mailto:application@voelpker.com).

The information contained herein is believed to be accurate and reliable as of the date issued. However, we do not warrant or guarantee the accuracy or reliability, in particular not for any specific intended use by the customer. It is the responsibility of those to whom we supply our products directly or indirectly to ensure that their use of the products complies with existing regulations, laws, legislations and proprietary rights. The information given by Voelpker Spezialprodukte does not exempt the customer from carrying out inspections and analyses on goods purchased.

Issued: 2018-09-26, supersedes all previous editions

Voelpker Spezialprodukte GmbH · Fabrikstraße 1 · 39393 Völpke · Germany · Telephone +49 39402 962-0 · [www.voelpker.com](http://www.voelpker.com)

