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 crystallise 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 surfaces, furniture, parquet), which require 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
Drop point*	°C	104 – 112	ASTM 3954
Saponification value	mg KOH/g	approx. 17 – 25	ISO 3681
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 maximum shelf life is 5 years after production. Thereafter, tests of the chemical characteristics are recommended. After delivery, a minimum remaining shelf life at the customer of 1.5 years is warranted.

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 coating 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.

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