PRODUCT INFORMATION

CEVO®-cos K-4420

Product Description

CEVO®-cos K-4420 is a patented, partially saponified, hard organic ester wax, based on renewable plant waxes.

General Advantages

CEVO®-cos K-4420 is characterised by its high gloss and its high retention capacity for organic solvents, oils, white mineral spirits. CEVO®-cos K-4420 can bind up to twenty times their own weight of these solvents to form pastes with a fairly stiff texture which do not become liquid. Hard wax with a high melting point. Available as a powder made of particles with an irregular structure.

Examples of Use

Peeling formulations, bio-based substitute for microparticles made of polyethylene (WARADUR® OP powder).

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	6 – 15	ISO 2114
Drop point *	°C	92 – 105	ASTM 3954
Saponification value	mg KOH/g	approx. 110 – 150	ISO 3681
Colour	–	light yellowish	AA 3.2.1.505

Packaging and Handling

Physical form	Flakes or powder
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®-cos K-4420
- is made from a renewable biological source
- reached the criteria for inherent biodegradability (OECD Guideline 301 D, Closed Bottle Test)
- 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 special wax blends. Please contact us for your individual requirements.

Legislation

Food contact legislation:
- Product for technical applications

Other legislation:
- REACH, RoHS and CONEG compliant
- TSCA (USA): listed

For further information, please contact 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 Völpker Spezialprodukte does not exempt the customer from carrying out inspections and analyses on goods purchased.

Issued: 2021-08-10, supersedes all previous editions

Völpker Spezialprodukte GmbH · Fabrikstraße 1 · 39393 Völpke · Germany · Telephone +49 39402 962-0 · www.voelpker.com