PRODUCT INFORMATION

CEVO®-process J-4419

Product Description

CEVO®-process J-4419 is a patented organic acid wax, based on renewable plant waxes. It combines in an ideal manner the characteristics of a multi-purpose plastics additive with the call for bio-based raw materials. It is therefore also perfectly suitable for thermoplastic polymers, that are derived from renewable resources. CEVO®-process J-4419 mainly consists of natural long-chain fatty acids (mainly C19 – C32) that have been processed by an innovative technology to give a bio-based polymer additive that meets the highest standards in the polymer industry.

General Advantages

High effectiveness at low concentrations: CEVO®-process J-4419 is suitable for a wide range of plastics applications, mainly as external release agent, dispersing agent, gloss booster and surface improver. CEVO®-process J-4419 is suitable for engineering plastics, thermosets, etc.

Examples of Use

- Thermoplastics: ABS and copolymers
- Thermosets: epoxy resins, phenolic resins
- Dispersing agents for colour masterbatches

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	135 – 170	ISO 2114
Drop point *	°C	78 – 85	ASTM 3954
Colour	–	pale yellow	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®-process J-4419
- 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

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:
- Bio-based (100 %)
- REACH, RoHS and CONEG compliant
- TSCA (USA) and DSL (Canada): 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: 2019-04-24, supersedes all previous editions

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