

PRODUCT INFORMATION

WARAMONT® CA

Product Description

WARAMONT® CA is consisting of Ca salts of montanic acids (Calcium montanate). Montanic acids are straight-chained monocarboxylic acids with a chain length in the range of mainly C28 – C32.

General Advantages

High effectiveness at low concentrations: lubricant for plastics, especially engineering resins. Can support nucleating of polyamides. Provides improvement of melt flow and demouldability. Acid Scavenger for polyolefins and polyoxymethylene. Excellent thermal stability, low volatility and high colour stability.

Examples of Use

- Thermoplastics: PA, PBT, TPE, PC, PVC, styrenics
- Thermosets: epoxy resins, phenolic resins, polyurethane
- Dispersing agents for colour masterbatches and filled plastics (talc, glass fibre)

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	0 – 15	ISO 2114
Ca content	% w/w	3.5 – 4.8	AAS
Volatility	% w/w	max. 2	Internal method
Colour	–	light yellowish	visual

Packaging and Handling

Physical form	Powder: min 99 % < 2000 µm
Packaging	Paper 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

WARAMONT® CA

- is made from a fossil biological source
- is not readily biodegradable according to OECD criteria but is inherently biodegradable
- 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.

Legislation

Food contact legislation:

- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food

Other legislation:

- REACH, RoHS and CONEG compliant
- Listed in relevant National Inventories

For further information, please contact application@voelpker.com.