

PRODUCT INFORMATION

WARADUR® LG

Product Information

Product Description

WARADUR® LG is a hard ester wax with a crystalline structure, consisting of esters of C16 – 32 acids with mono- and multihydroxyl alcohols.

General Advantages

WARADUR® LG is easy to saponify and emulsify and can be buffed to a high gloss.

Examples of Use

- WARADUR® LG can be used to manufacture polishes based on aqueous emulsions of (saponified) wax with or without emulsifiers. It is used in its saponified form in leather care products, polishes and abrasive pastes (e.g. car polishes), etc. It performs particularly well in co-emulsions of wax and solvents in water. WARADUR® LG can be used in combination with microcrystalline waxes, paraffin wax, hydrogenated plant oils and others.
- Other applications: water-proofing, temporary anti-graffiti coatings.

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	25 – 35	ISO 2114
Saponification value *	mg KOH/g	135 – 160	ISO 3681
Drop point *	°C	82 – 88	ASTM 3954
Colour	–	pale yellow	AA 3.2.1.505
Viscosity @ 120 °C	mPas	10 – 15	AA 3.2.1.520
Density	g/cm ³	1.00 – 1.02	Ph. Eur. 2.2.5

Packaging and Handling

Physical form	Flakes
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

WARADUR® LG

- is made from a fossil biological source and regrowing waxes
- 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

Product for technical applications

Other legislation:

- RoHS and CONEG compliant
- Listed in relevant National Inventories

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