

PRODUCT INFORMATION

WARADUR® C 60

Product Description

Oxidised Fischer-Tropsch wax. Straight-chain wax with low viscosity in the melt. Molecular weight 500 – 1000. WARADUR® C 60 contains free wax acids and wax acid esters.

General Advantages

Owing to the presence of polar groups and their low viscosity, WARADUR® C grades are dispersants for pigments, dyes, other waxes and further components in molten masses and solvent-based systems. In addition they are excellently suited for the preparation of non-ionic, aqueous preparations.

Examples of Use

- Raw material for the production of hot melt adhesives
- Additive for technical emulsions
- Textile auxiliaries: aqueous WARADUR® C 60 dispersions are mainly used for reducing the yarn-metal friction in thread preparation.
- Additive for candles; dispersion aid for dyes

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	29 – 34	ISO 2114
Saponification value	mg KOH/g	50 – 62	ISO 3681
Drop point *	°C	100 – 109	ASTM 3954
Colour	–	white	visual
Viscosity @ 120 °C	mPas	< 20	AA 3.2.1.520
Penetration number	mm · 10 ⁻¹	3 – 5	DGF M-III 9b
Density	g/cm ³	1.00 – 1.02	Ph. Eur. 2.2.5

Packaging and Handling

Physical form	Prills 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

WARADUR® C 60 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: ca. 4 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:

- REACh: WARADUR® C 60 is a polymer according to the REACh regulation and is exempted from REACh registration
- RoHS and CONEG compliant
- Listed in relevant national inventories

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

