

POLARWACHS® N500cs

DESCRIPTION

hard, neutral wax having straight and branched molecular structures

PROPERTIES

Congealing Point	(ISO 2207)	79 – 83	°C
Drop Point *)	(DIN 51 801)	84 – 92	°C
Penetration at 25°C *)	(DIN 51 579)	3 – 8	0,1mm
Viscosity at 120°C	(DIN 53 019)	4 - 10	cps
Density at 20°C		ca. 0,92	g/ml
Consistency	(visual)	hard-bridle	
Average molecular weight		approx.. 500	
Colour *)	(visual)	white/off-white	

*) part of the delivery specification

COMPATIBILITY

Polarwachs® N500cs provides an excellent retention to solvents and oils; compared to pure polyethylene waxes its viscosity and melting point are very low.

Polarwachs® N500cs is mixable at molten state with fats, waxes, oils, resins and rosins. It is soluble and dispersible in organic solvents (white spirit, isoparaffines) at elevated temperatures.

This wax is produced without the addition of BHT.

APPLICATION

- component in cosmetic preparation

FORM SUPPLIED

- pellets, packed in 20 kg cartons

FULFILLED PURITY REQUIREMENTS

The Product fulfils the European Directives and national regulations for the application in the area of food packaging, cosmetics, etc.. Further information are available from our Product Regulatory department on request.

STORAGE

The product may be stored in the original packaging at temperature below 30 °C protected against humidity for minimum three years.

PRODUCT SAFETY

This product is not considered hazardous according the German hazardous substances regulation (GefStoffV). Additional safety information are included in the safety data sheet (MSDS).

REACH STATUS

The raw materials used for the production of the product are compliant with the REACH legislation; they are registered or exempted according to the REACH requirements.