

POLARWACHS® 30 677 N

DESCRIPTION

hard, neutral wax having straight and branched molecular structures

PROPERTIES

Congeaing Point	(ISO 2207)	88 – 94	°C
Drop Point *)	(DIN 51 801)	93 – 99	°C
Penetration at 25°C	(DIN 51 579)	3 – 7	0,1mm
Viscosity at 120°C *)	(DIN 53 019)	6 – 13	cps
Density at 20°C		ca. 0,93	g/ml
Consistency	(visual)	hard-bridle	
Colour *)	(visual)	white/off-white	

*) part of the delivery specification

CHEMICAL DESCRIPTION

polymer wax based on polyethylene and polypropylene

COMPATIBILITY

Polarwachs® 30 677 N provides an excellent retention to solvents and oils; compared to polyethylene waxes its viscosity and melting point are very low.

Polarwachs® 30 677 N is widely used if the properties of Polyethylene waxes are necessary, but the possible processing temperatures are too low, to melt and solve the wax.

Polarwachs® 30 677 N is mixable at molten state with fats, waxes, oils, resins and rosins. It is soluble and dispersible in organic solvents (white spirit, turpentine, isoparaffines) at elevated temperatures.

APPLICATION

- additive to improve the temperature resistance and retention in cosmetic and pharmaceutical preparations
- modification of waxes, fats, oils, resins
- component within the formulation of printing inks, pencils, crayons
- main body for the preparation of solvent dispersions

FORM SUPPLIED

- pellets, packed in 20 kg carton
- pellets, packed in 25 kg bag

FULFILLED PRURITY REQUIREMENTS

The product fulfils the European Directives and national regulations for the mentioned application. 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.

The information and recommendations contained hereon are believed to be accurate and reliable as of the date issued. However, we do not warrant their accuracy or reliability.

We only warrant you, but no other person that the product referenced herein shall conform to our quality assurance specification for the product on the date of shipment to you. We expressly disclaim all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Any technical advice, information or recommendation given to you is given gratis without any warranty whatever as to the advice, information or recommendation given or results obtained. You shall assume all risks and shall be solely responsible for the results obtained from the storage, handling or use of the product and any information or recommendation regarding the product, whether alone or in combination with other substances. Under no circumstances shall we be liable for any economic, consequential (including lost profits or savings) or incidental damages, even if we are informed of their possibility, exemplary or punitive damages, regardless of the form of action, whether in contract or tort, including our sole or joint negligence and strict liability.