CERALENE® 1M

Product description **Polyethylene wax** **CAS-No.: 9002-88-4**

CERALENE® 1M is a low density PE wax with a typical average molecular weight of 1500 MW.

Parameter	Test method	Unit	Target value
Appearance	visual	-	white prills
Density (23°C)	PN-EN ISO 1183-1	g/cm^3	0.92
Drop point	ASTM D3954-94	°C	104
Viscosity (120°C)	PN-EN ISO 3219	mPa·s	240
Penetration (25°C)	DIN 51579	$mm \cdot 10^{-1}$	3
Acid value	PN-EN ISO 2114	mg(KOH)/g	0

Major fields of application

For different kinds of technical applications such as release agent for rubber, modification of paraffins and other polymers, lubricant in PVC, preparation of solvent based wax pastes in graphic arts as well as in water based wax emulsions.

Packaging

PE-bags of 20 kg netto
Palett of 1000 kg (50 bags)
Big bags of 1000 kg netto

Storage

The product has to be stored dry at room temperature.
Beware of sunlight and heat.
Stability at least 2 years from date of delivery.

Hazards

This product does not require labelling in terms of preparation guideline. Further security relevant data see safety data sheet.

Ecology/toxicology properties

Acute oral toxicity LD_{50}: > 2000 mg/kg (rat)
The product is water insoluble and shows no harmful effects on fish and bacteria.

Status under food legislation

The product fulfills legislations of various countries. More details on request.

All information given here are based on our own research or the research of others and believed to be accurate and shall give the user guidance for the application. Nevertheless these data are no specification and due to the versatile possible formulations, applications, processings and further parameters at the formulator/user the usage of this product has to be tested carefully in the particular system/application by the formulator/user. All information mentioned here are not warranted properties. There is no responsibility of the seller if the material is used outside the recommended field of use; any liability, also for any patent infringement, can not be derived from this.

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