# CERALENE® 1X

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

CERALENE® 1X is a low density PE wax with a typical average molecular weight of 1200 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 | 102 |
| Viscosity (120°C) | PN-EN ISO 3219 | mPa·s | 170 |
| Penetration (25°C) | DIN 51579 | $mm \cdot 10^{-1}$ | 4 |
| Acid value | PN-EN ISO 2114 | mg(KOH)/g | 0 |

## Major fields of application

For different kinds of technical applications such as modification of paraffins and hot melts. External working lubricant in PVC as well as release agent in rubber. Preparation of water- and solvent based wax additives for applications in printing inks, OPV´s, lacquers, leather finishes, floor polishes and adhesives. Improves slip and scratch resistance in powder coatings (especially resins with low stoving temperature).

## 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.

Version 1.0 04.01.2021

euroceras Sp. z o.o.
ul. Szkolna 15
PL 47-225 Kędzierzyn-Koźle
Tel. +48 (0) 774 88 66 80
Fax +48 (0) 774 88 66 95

Prezes:
Helmut Keim
info@euroceras.com
www.euroceras.com

KRS:
0000070429
NIP:
PL7491868940

Numer Rejestrowy BDO:
000019295