CERALENE® CP45M

Product description	Copolymer wax	EINECS: Polymer

CERALENE® CP45M is a polar copolymer wax with acidic functions.

Parameter	Test method	Unit	Target value
Appearance	visual	-	off-white micro prills
Density (23°C)	PN-EN ISO 1183-1	g/cm^3	0.93
Drop point	ASTM D3954-94	°C	98
Viscosity (140°C)	PN-EN ISO 3219	mPa·s	550
Penetration (25°C)	DIN 51579	$mm \cdot 10^{-1}$	5
Acid value	PN-EN ISO 2114	mg(KOH)/g	40

Major fields of application

CERALENE® CP45M is used as compatibiliser in the processing of plastics, as internal lubricant in PVC applications as well as dispersing additive for the colour and additive masterbatch production especially for polar plastics. CERALENE® CP45M can be used in hotmelts and bitumen applications to increase the adhesion on substrates.

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 production.

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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