

PRODUCT DESCRIPTION

Zinc orthophosphate hydrate

Zinkphosphat ZP 10 is a white anticorrosive pigment for the application in protective coatings.

TECHNICAL DATA

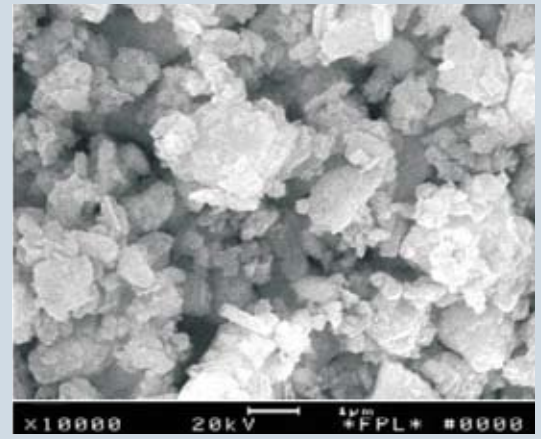
Zinc as Zn [%]	50.5 - 52.0	ISO 6745
Phosphorous as PO ₄ ³⁻ [%]	47.0 - 49.0	ISO 6745
Loss on ignition 600°C [%]	8.5 - 13.0	ISO 6745
Water-soluble chloride [%]	max. 0.025	acc. to ISO 787, Part 13
Water-soluble sulphate [%]	max. 0.05	acc. to ISO 787, Part 13
Conductivity [µS/cm]	max. 150	ISO 787, Part 14
pH	6.0 - 8.0	ISO 787, Part 9
Lead as Pb [ppm]	max. 10	ICP
Cadmium as Cd [ppm]	max. 10	ICP
Density [g/cm ³]	typ. 3.5	ISO 787, Part 10
Bulk density, untamped [g/cm ³]	typ. 0.4	acc. to ISO 787, Part 11
Bulk density, tamped [g/cm ³]	typ. 0.8	acc. to ISO 787, Part 11
Oil absorption value [g/100g]	typ. 20	ISO 787, Part 5
Sieve residue 32 microns [%]	max. 0.01	acc. to DIN 53 195
Average particle size [microns]	2.0 - 3.5	Coulter Multisizer III

CHEMICAL INVENTORY LISTING STATUS

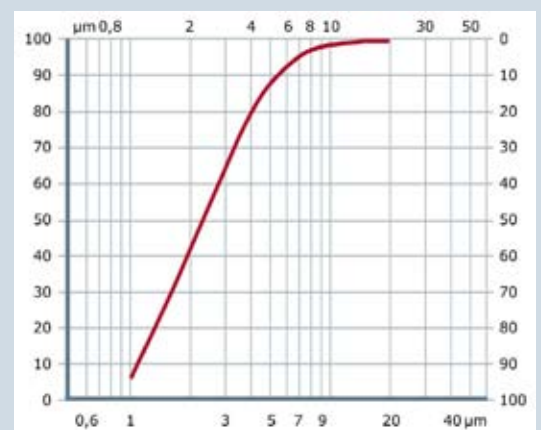
Zinkphosphat ZP 10 is listed in the National Chemical Inventories:

Europe (EINECS / ELINCS), USA (TSCA), Canada (DSL), Australia (AICS), New Zealand (NZIoC), Japan [ENCS (MITI)], Korea [(K)ECL], Philippines (PICCS), China (IECSC).

SEM-PICTURE [Magnification 10.000:1]



PARTICLE SIZE DISTRIBUTION [Coulter Multisizer III]



In accordance with CLP Regulation No. 1272/2008 Zinkphosphat ZP10 is classified as substance dangerous for the environment with Hazard Class and Category Code(s) Aquatic Acute 1, H400 / Aquatic Chronic 1, H410.

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Our product specifications and application information are based on our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and us.