Product Description

Chemical characterization	Zinc-5-nitroisophthalate

HEUCORIN® RZ is an organic corrosion inhibitor for the application in protective coatings.

A major breakthrough in the world of anticorrosives was the discovery of especially one effective organic inhibitor based on a zinc salt of an organic nitro compound.

By adding very small quantities of HEUCORIN® RZ to HEUCOPHOS® pigments and thus taking advantage of unique organic - inorganic synergies, it is possible to improve existing protective coatings to some significant extent.

Technical Data

	Unit	Value	Test Method
Zinc as Zn	[%]	43.0 - 46.0	acc. to ISO 6745
Organic content	[%]	typ. 49	
Water-soluble chloride	[%]	max. 0.025	acc. to ISO 787-13
Water-soluble sulphate	[%]	max. 0.05	acc. to ISO 787-13
Lead as Pb	[ppm]	max. 10	ICP-OES
Cadmium as Cd	[ppm]	max. 10	ICP-OES
Volatile matter (90 °C)	[%]	max. 5.0	acc. to ISO 787-2
Conductivity	[µS/cm]	max. 500	acc. to ISO 787-14
pH value		6.5 - 8.0	acc. to ISO 787-9
Density	[g/cm³]	typ. 2.7	acc. to ISO 787-10
Bulk density	[g/cm³]	typ. 0.2	
Tamped density	[g/cm³]	typ. 0.4	acc. to ISO 787-11
Oil absorption	[g/100g]	typ. 40	acc. to ISO 787-5
Sieve residue 32 µm	[%]	max. 0.01	acc. to ISO 787-7
Average particle size	[µm]	2.0 - 4.5	acc. to ISO 13319

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