

### Product Description

Chemical characterization	Zinc-5-nitroisophthalate
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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/cm <sup>3</sup> ]	typ. 2.7	acc. to ISO 787-10
Bulk density	[g/cm <sup>3</sup> ]	typ. 0.2	
Tamped density	[g/cm <sup>3</sup> ]	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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Our application information and any other information in this document as well as our product specifications are based on our current state of knowledge at the Revision Date mentioned in the respective document. 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 product 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 ourselves.