

PHOSPHINAL PZ04

Product Data Sheet Reference : PZ04 040G.

Supersedes : PZ04 117G.

GENERAL DESCRIPTION

Chemical category : Solid corrosion inhibitor.

Specific gravity : 2.7 (ISO 787/10).

Composition : Zinc aluminium orthophosphate.
 $Zn_3Al(PO_4)_3, x H_2O, [x \text{ from } 4 \text{ to } 8].$

Appearance : White powder.

SPECIFICATIONS

	<u>Nominal Value</u>	<u>Tolerance (+/-)</u>	<u>Test Method</u>
Zn content (%)	41.5	3.5	ICP
PO ₄ content (%)	47.0	min	ICP
Al content (%) (after calcination - 1 h at 600°C)	4.5	1.0	ICP
Oil absorption (cm ³ /100 g)	35	5	ISO 787/5
Sieve residue (on 45 microns, %)	0.05	max	ISO 787/7
pH	6.8	1.0	ISO 787/9

TYPICAL PROPERTIES

	<u>Nominal Value</u>	<u>Test method</u>
Average particle size (microns)	5	Laser granulometry
Fineness :		
North	6.0	ISO 787/5
Hegman	5.0	ISO 1524
Loss on ignition (% , 1 hour at 600°C)	18.0	Gravimetry

For :

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