

RED PHOSPHORUS POWDER

Trade Mark: RP I-500M

Characteristics	UOM	Test Method	Specification
<u>Sieve analysis:</u> Residue on sieve 45 µm Residue on sieve 25 µm	% %	M/QA/SOP/048	1 max 5 max
Apparent Density	g/cc	ASTM B-417	0.50 – 0.70
<u>5 % Aqueous Extract:</u> pH of 5% aqueous extract <u>Acidity (or) Alkalinity:</u> Acidity of 5% aqueous extract Alkalinity of 5% aqueous extract	 % %	M/QA/SOP/092 M/QA/SOP/092 M/QA/SOP/092	6.5 – 8.5 0.10 max. 0.02 max.
Moisture	%	M/QA/SOP/093	0.20 max.
Water Soluble Matter	%	M/QA/SOP/094	1.50 max.
Iron	%	M/QA/SOP/028	0.15 max.
Magnesium	%	M/QA/SOP/028	0.70 max.
Chloride	%	M/QA/SOP/095	0.20 max.
White Phosphorus content	%	M/QA/SOP/096	0.025 max.
Red Phosphorus content	%	M/QA/SOP/097	97.50 min.

* M/QA/SOP/048, M/QA/SOP/092, M/QA/SOP/093, M/QA/SOP/094, M/QA/SOP/095, M/QA/SOP/096 & M/QA/SOP/097, M/QA/SOP/028 are based on ASTM D-185, IS:2012, AAS respectively.

RP I Chemical processed, violet reddish granular powder, for the applications like Chemicals, Coating on Safety matches' Cardboard Boxes & Screen Printing on safety match boxes (stuck on the side of matchboxes used to strike safety matches against to light them), Electroluminescent coatings, Fireworks in caps/amorces/matches/serpents making, Ferro alloys, Fireworks, Foundry fluxes, Incendiaries, Pesticides, Phospho-copper, Refractories, Smelters & Refineries, Semiconductors, Soldering & joining, Steel production applications etc.

The data on this technical information sheet correspond with the current status of our knowledge and experience. The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights. We reserve the right to alter any product data as a result of technical progress or further developments in the manufacturing process.

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Edition: 02.01.2023
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