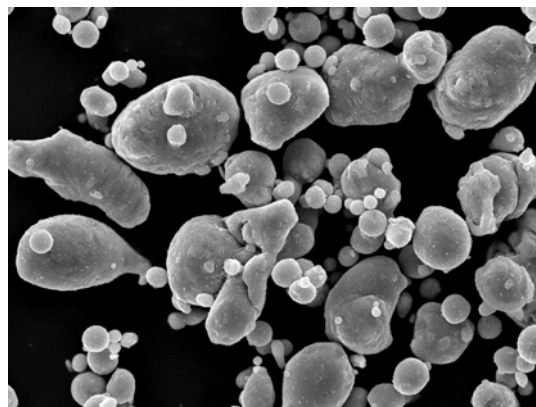


Our product complies with SHG (Z₁) & ASTM D520 Type III norms.

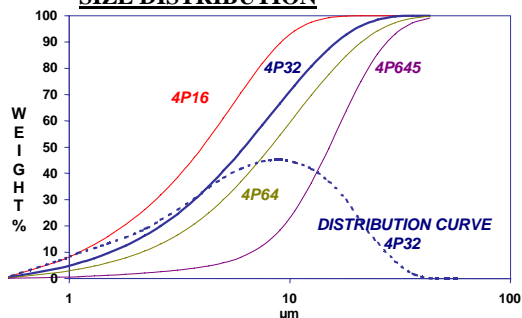
GENERAL PURPOSES

This medium-sized grade, manufactured only with electrolytic zinc of very high purity, is particularly recommended in organic or inorganic paints to be applied in medium-thick coats (40 to 60 μm): industrial protective coatings and one-pack primers for building sites. The processing of 4P32 ensures optimum dispersion ability in the mill base, its low particle surface area considerably minimises the related reactivity problems.



Scanning electron microscope picture of 4P32

SIZE DISTRIBUTION



CHEMICAL ANALYSIS

Elements	Method of analysis	Specification	Typical value
Total zinc	Titration	≥ 99.0%	99.6%
Metallic zinc	Titration	≥ 97 %	97.6%
Pb	AA	≤ 0.003%	≤ 0.002%
Cd	AA	≤ 0.0005%	0.0001%
Fe	AA	≤ 0.002%	0.001%
Others	AA	≤ 0.001%	Traces

Chemical analysis methods are performed according to ISO3549 norm.

PHYSICAL PROPERTIES

Elements	Method of analysis	Norms	Specification	Typical value
Average Particle size	Fisher Sub sieve Sizer	ASTM B-330/88	3.9μ– 4.9μ	4.4μ
Cut-off Diameter	Laser Diffraction	-	≤ 32μ	27μ
Sieve Residue at 45μm	Vacuum sieve	ISO 3549	≤ 0.01%	0.001 %
Tamped density	Engelsmann	ISO R/787		4.0 g/cm ³
Specific Gravity	-			7.1 g/cm ³

PACKAGING AND STORAGE REQUIREMENT

- Paper Bags, Metal Drums, Pails, Fibre Drums or Bulk bags.
- Storage: indoor in a dry ventilated area.
- Contact with air moisture will reduce the shelf life.



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