

Technical Data Sheet

Zinc Dust

Appearance: Dark gray, Fine, Metallic powder

Formula: Zn

Molecular weight: 65.38

Appearance:

- Manufacture of Zinc Rich Paint Formulation.
- Refining in electrolytic process for manufacture of Zn metal.
- Intermediate in Drug manufacturing.
- Manufacture of chemical and industrial grease.

Specification:

	Fine Grade	Superfine Grade	Extra Fine Grade	Ultra Fine Grade	Test Method
Metallic Zinc	98%	98%	98%	98%	IS 4611:1991
As Zn	99.50%	99.50%	99.50%	99.50%	QCL. FP. W. 01(III)
Pb (ppm Max)	100	100	100	100	AAS
Cl (ppm Max)	20	20	20	20	QCL. FP. W. 01(VI)
Fe (ppm Max)	100	100	100	100	AAS
Cu (ppm Max)	20	20	20	20	AAS
Cd (ppm Max)	10	10	10	10	AAS
As (ppm Max)	5	5	5	5	AAS

Acid insolubles (% by Wt.)	Nil	Nil	Nil	Nil	IS 4611:1991
Specific Gravity (gm /cm3)	7.1	7.1	7.1	7.1	QCL. FP. W. 01(X)
270 ASTM (% by wt Max)	4.0	Nil	Nil	Nil	QCL. FP. W. 01(V)
400 ASTM (% by wt)	-	Nil	Nil	Nil	QCL. FP. W. 01(V)
Average Particle Size (Micron)	15~19	6~9	4~6	3~5	QCL. FP. W. 01(XV)
Particle Shape	Spheroidal Particles				