

# PARAT TECHNOLOGIES

Thermal Spray Equipment | Surface Engineering Solutions  
Email : [info@parattech.com](mailto:info@parattech.com), [parattechnologies@gmail.com](mailto:parattechnologies@gmail.com)  
Website : [www.parattech.com](http://www.parattech.com)

## Technical Data Sheet

(PT-02Z)

Date:- 22/08/2014

Customer's Name- .....

Description:- Zinc wire for metallization

Specification:- Zinc wire as per IS12447-1988

Size :- 1.6/2.0/2.3/3.17 mm

### Chemical Composition

S . No.	Description	Percentage Composition
1	Zinc	99.99%
	<b>Other Elements /Impurities</b>	
2	Lead	0.003% Max
3	Cadmium	0.003% Max
4	Tin	0.001% Max
5	Iron	0.005% Max
6	Copper	0.001%

### Other Mechanical Properties

S. No	Description	Particulars
1	Density	~7.14 grams per Cubic cm
2	Melting Temperature	~419.6 Degrees Centigrade
3	Boiling Temperature	~907 Degrees Centigrade
4	Elongation	40 % Minimum
5	Tensile Strength.	100 to 120 Mpa

[www.parattech.com](http://www.parattech.com)

Wire Arc Spray | Flame Spray | HVOF | Plasma Spray | Thermal Spray Wires | Thermal Spray Powders |