



# SUPER ZEDALLOY Ni

**HARD FACING (High Abrasion)**



Hardfacing Electrode for Abrasion and Corrosion Resistance at Elevated Temperature

### ALLOY BASIS :

Very High Carbon-Chromium with Nickel

### KEY FEATURES :

- Basic type super heavy coated electrode
- Non machinable deposit
- Retains hardness at high temperature
- Resist severe abrasion and corrosion at elevated temperature
- Apply one or two layer to avoid cracking

### WELDING POSITION :



DCEP

### TYPICAL APPLICATIONS :

- Blast furnace parts e.g. bells and hoppers
- Sinter plant disintegrators
- Steel mill equipment
- Cement clinker crushing rollers
- Coke chutes
- Coke pusher shoes
- Hardfacing applications on mild, carbon and low alloy steels in metallurgical and chemical industries

**REDRYING CONDITION : 250-300°C for minimum 1 hr.**

### PHYSICAL PROPERTIES :

Condition	Hardness, 3 Layer HRc (BHN)	
	As Welded	At Room Temp
At 500°C		40 (370)

### Machinability

### Abrasion Resistance

### Impact Resistance

### Corrosion Resistance



### PARAMETERS - PACKING DATA :

Ø x L, mm	Amperage, A	Wt./Carton, Kg	Carton/Box	Net wt./Box, Kg.
3.15 x 350	100-140	5	4	20
4.0 x 350	140-180	5	4	20
5.0 x 350	180-220	5	4	20

*Physical Properties: With increase in number of squares, property improves*