



# SUPER ZEDALLOY

**HARD FACING (High Abrasion)**



Hardfacing Electrode for Extreme Wear Resistance

### ALLOY BASIS :

Very High Carbon-Chromium

### KEY FEATURES :

- Basic type coating
- High Carbon and Cr content in the weld metal
- Non machinable deposit
- Exhibit good corrosion resistance
- High volume fraction of primary carbides offer excellent wear resistance up to 1000°C
- Apply one or two layer to avoid cracking

### WELDING POSITION :



AC (100 V) / DCEP

### TYPICAL APPLICATIONS :

- Coke chutes, Screws
- Cultivator shovels, Plough shares,
- Mining, Agriculture, Earth moving and Sand blasting equipments
- Edge runner scrappers
- Conveyors, Grinding rings
- Cement clinker crushing rollers
- In Ceramic industries

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

### PHYSICAL PROPERTIES:

| Condition | Hardness, 3 Layer<br>HRc (BHN) |
|-----------|--------------------------------|
| As Welded | 58 (600)                       |

### 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 | 90-120      | 5              | 4          | 20               |
| 4.0 x 350  | 120-160     | 5              | 4          | 20               |
| 5.0 x 350  | 160-200     | 5              | 4          | 20               |

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

