



# ZEDALLOY 16

**HARD FACING (High Abrasion)**



Hardfacing Electrode for High Temperature Abrasion Resistance

### ALLOY BASIS :

High Carbon High Chromium with Molybdenum

### KEY FEATURES :

- Basic type heavy coating
- Non machinable deposit
- Retains hardness at high temperature
- Excellent Resistance to Severe Abrasion up to 500°C and Moderate Impact

### WELDING POSITION :



AC (70 V) / DCEP

### TYPICAL APPLICATIONS :

- Rolling mill guides
- Coal crushing hammers
- Conveyor screws
- Mixer blades & scrapers
- Coal pulverisers

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

### PHYSICAL PROPERTIES :

| Condition | Hardness, 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 | 120-150     | 5              | 4          | 20               |
| 4.0 x 350  | 160-200     | 5              | 4          | 20               |
| 5.0 x 350  | 200-250     | 5              | 4          | 20               |

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

