



# ZEDALLOY 20Cr

**HARD FACING (High Impact - Corrosion Resistance)**



Work Hardenable Alloy for Impact – Abrasion – Corrosion Resistance

### ALLOY BASIS :

Low Carbon High Chromium with Nickel

### KEY FEATURES :

- Basic type work hardenable electrode
- High hardness under severe impact conditions
- Machinable and crack free deposit
- Typical 20% Cr deposit
- Semi austenitic alloy
- Exhibit good combination of impact, abrasion and corrosion resistance

### WELDING POSITION :



AC (100 V) / DCEP

### TYPICAL APPLICATIONS :

- Screw flight
- Sand pump impellers
- Conveyor rolls, Truck chains
- Pulveriser plows, Pump housing
- Coal mining cutters
- Scarifier teeth, Rock crusher
- Ideal for buffer layer before hardfacing

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

### PHYSICAL PROPERTIES:

Condition	Hardness, 3 Layer HRc (BHN)
As Welded	25 (250)
Work Hardened	55 (550)

### 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*

