



ZEDALLOY 20 Cr

HARD FACING (High Impact - Corrosion Resistance)

ALLOY BASIS

C, Mn, Cu, Ni

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

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

MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	3 Layer, Hardness, HRc (BHN) Typical
As Welded	16 (200)
Work Hardened	55 (560)

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	 AC (70 OCV) /DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.
3.15 x 450	100-140	
4.0 x 450	140-180	
5.0 x 450	180-220	

Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kg each.

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

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