

ZEDALLOY 20Cr

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)
As Welded	25 (250)
Work Hardened	55 (550)

PARAMETERS - PACKING DATA:

Ø x L, mm 3.15 x 350 4.0 x 350 5.0 x 450	Amperage, A 100-140	 AC (70 V) /DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.	All Positions, except vertical Downwards 
	140-180		
	180-220		

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

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

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