

ZEDALLOY BELL

HARD FACING (Abrasion - Corrosion)

ALLOY BASIS

C, Mo, Cr, Ni, Mo

KEY FEATURES:

- Basic type electrode
- Special alloying to improve impact resistance and red hardness
- Crack free weld in heavy build up
- Resistant to severe abrasion and corrosion at elevated temperature
- No drop in hardness even at 500°C due to secondary hardening

TYPICAL APPLICATIONS:

- Blast furnace Bells & Hoppers
- Steel mill equipments
- Tong pins, Hot shears
- Metallurgical plants




MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	3 Layer, Hardness, HRc (BHN)	
As Welded	At Room Temp	52-55 (500-550)
As Welded	At 500°C	>55 (>550)

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	 AC (70 V) /DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.	All Positions, except vertical Downwards 
3.15 x 350	90-110		
4.0 x 350	110-180		
5.0 x 450	160-220		
6.3 x 350	210-280		

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