



## ZEDALLOY 550 LH

**HARD FACING (Moderate - Abrasion Impact)**



Basic Type Hardfacing Electrode For Resistance Against High Abrasion & Moderate Impact

### ALLOY BASIS :

Medium Carbon High Chromium

### KEY FEATURES :

- Basic type coating
- Air hardenable non machinable weld
- Recommended buffer layer of Tenalloy-16 on hard base materials
- Resistance against high stress abrasion and friction
- Can withstand moderate impact
- Resistant to spalling and cracking

### WELDING POSITION :



AC (100 V) / DCEP

### TYPICAL APPLICATIONS :

- Crushers and hammers
- Excavator teeth
- Shear blades
- Metal to mineral wear application
- Crane wheels, Caterpillar treads
- Bulldozer blades, Bucket lip
- Bamboo chipper knives
- Dis-integrator hammers

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

### PHYSICAL PROPERTIES :

Condition	Hardness, 3 layer HRc (BHN)
As Welded	54-57 (540-590)

### 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 450	100-130	5	4	20
4.0 x 450	140-180	5	4	20
5.0 x 450	180-220	5	4	20

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