



Zedalloy 550 LH

HARD FACING (Moderate - Abrasion Impact)

Basic Type Hardfacing Electrode For Resistance Against High Abrasion And 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 : 300°C for 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