



ZEDALLOY 550 LH

HARD FACING (Moderate - Abrasion Impact)

ALLOY BASIS

C, Mn, Si, Cr

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

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




MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	3 Layer, Hardness, HRc (BHN), Typical
As Welded	56 (580)

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	 AC (70 V) / DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.
3.15 x 450	100-130	
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