

ZEDALLOY 550

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:

- Dis-integrator hammers
- Excavator teeth, Shear blades
- Bulldozer blades, Bucket lip
- Metal cutting and forming tools
- Crane wheels, Caterpillar treads
- Cane cutting knives




MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	3 Layer, Hardness, HRc (BHN)
As Welded	54-56 (540-580)

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A		
3.15 x 350	100-130	 AC (70 V) / DCEN	All Positions, except vertical Downwards 
4.0 x 350	140-180		
5.0 x 450	180-220		
		REDRYING CONDITION: 110°C for minimum ½ hr.	

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

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

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