



ZEDALLOY 500

HARD FACING (Moderate - Abrasion Impact)



Hardfacing Electrode for High Abrasion-Medium Impact and Metal to Metal Wear Resistance

ALLOY BASIS :

Medium Carbon Medium Chromium

KEY FEATURES :

- Rutile type heavy coating
- Air hardenable crack free deposit
- Non machinable
- Resistant to metal to metal wear
- Resistance against high stress abrasion and impact
- Impact resistance increases after tempering

WELDING POSITION :



AC (70 V) / DCEP

TYPICAL APPLICATIONS :

- Shear blades
- Tamping tools
- Crane wheel
- Ingot tongs
- Forming dies
- Cutting tools
- Pug mill screws
- Pulverizer hammers

REDRYING CONDITION : 110°C for ½ hr.

PHYSICAL PROPERTIES :

Condition	Hardness, 3 layer HRc (BHN)
As Welded	47-55 (450-550)

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	100-120	5	4	20
4.0 x 450	130-170	5	4	20
5.0 x 450	180-240	5	4	20

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