



# ZEDALLOY 17Cr NS PLUS

**HARD FACING (Abrasion - Corrosion)**



Hardfacing Electrode for Abrasion – Corrosion Resistance Application

## ALLOY BASIS :

C, Cr, Mo

## KEY FEATURES :

- Basic coated non synthetic electrode
- Ferritic martensitic machinable deposit
- Air hardenable weld deposit
- Hardness retention upto 500°C
- Best results in 2 layer overlay
- Resistance against abrasion and corrosion

## WELDING POSITION :



DCEP

## TYPICAL APPLICATIONS :

- Surfacing on sealing faces of steam/water/gas valve
- Surfacing of unalloyed and low alloyed steels

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

## PHYSICAL PROPERTIES :

Condition	2 Layer Hardness, HRc
As Welded	40-45

### 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.
4.0 x 350	130-160	5	4	20

Other sizes will be made available on request.

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