



SUPER ZEDALLOY

HARD FACING (High Abrasion)



Hardfacing Electrode for Extreme Wear Resistance

ALLOY BASIS :

Very High Carbon-Chromium

KEY FEATURES :

- Basic type coating
- High Carbon and Cr content in the weld metal
- Non machinable deposit
- Exhibit good corrosion resistance
- High volume fraction of primary carbides offer excellent wear resistance up to 1000°C
- Apply one or two layer to avoid cracking

WELDING POSITION :



AC (100 V) / DCEP

TYPICAL APPLICATIONS :

- Coke chutes, Screws
- Cultivator shovels, Plough shares,
- Mining, Agriculture, Earth moving and Sand blasting equipments
- Edge runner scrapers
- Conveyors, Grinding rings
- Cement clinker crushing rollers
- In Ceramic industries

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

PHYSICAL PROPERTIES:

Condition	Hardness, 3 Layer HRc (BHN)
As Welded	58 (600)

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 350	90-120	5	4	20
4.0 x 350	120-160	5	4	20
5.0 x 350	160-200	5	4	20

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