



SUPER ZEDALLOY Ni

HARD FACING (High Abrasion)



Hardfacing Electrode for Abrasion and Corrosion Resistance at Elevated Temperature

ALLOY BASIS :

Very High Carbon-Chromium with Nickel

KEY FEATURES :

- Basic type super heavy coated electrode
- Non machinable deposit
- Retains hardness at high temperature
- Resist severe abrasion and corrosion at elevated temperature
- Apply one or two layer to avoid cracking

WELDING POSITION :



DCEP

TYPICAL APPLICATIONS :

- Blast furnace parts e.g. bells and hoppers
- Sinter plant disintegrators
- Steel mill equipment
- Cement clinker crushing rollers
- Coke chutes
- Coke pusher shoes
- Hardfacing applications on mild, carbon and low alloy steels in metallurgical and chemical industries

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

PHYSICAL PROPERTIES :

Condition	Hardness, 3 Layer HRc (BHN)	
As Welded	At Room Temp	55-57 (550-580)
	At 500°C	40 (370)

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	100-140	5	4	20
4.0 x 350	140-180	5	4	20
5.0 x 350	180-220	5	4	20

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