



## ZEDALLOY 600

**HARD FACING (Moderate - Abrasion Impact)**



Basic type hardfacing Electrode for Extreme Abrasion

### ALLOY BASIS :

Medium Carbon High Chromium with Molybdenum

### KEY FEATURES :

- Basic type heavy coating
- Extremely hard non machinable deposit
- Deposit can be finished by grinding
- High hardness in single layer
- Suitable for high carbon and high sulphur steels
- Can withstand mild impact

### WELDING POSITION :



AC (70 V) / DCEP

### TYPICAL APPLICATIONS :

- Drilling bits, Punches, Dies
- Crane wheels, Shear blades
- Crushers, Hammers
- Paper cutting knives, Mine rails
- Oil expeller worms
- Conveyor parts

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

### PHYSICAL PROPERTIES :

Condition	Hardness, 1 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 450	100-140	5	4	20
4.0 x 450	140-180	5	4	20
5.0 x 450	180-220	5	4	20

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