



ZEDALLOY K

HARD FACING (Abrasion - Corrosion)



Hardfacing Alloy for metal to Metal wear, Abrasion and Impact Resistance

ALLOY BASIS :

High Carbon High Molybdenum

KEY FEATURES :

- Basic type electrode
- Optimum resistance against metal to metal wear, abrasion and impact
- Air hardenable
- Non machinable weld
- Preheating is required when used on hardenable steels

WELDING POSITION :



AC (100 V) / DCEP

TYPICAL APPLICATIONS :

- Blanking and Forming dies
- Cutting tools
- Mining tools
- Shear blades
- Hog & Chipper knives
- Wood working tools
- Rolling mill guides
- Ingot fitting tongs

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	100-130	5	4	20
4.0 x 350	140-180	5	4	20
5.0 x 350	180-200	5	4	20

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