



Zedalloy 350

HARD FACING (Moderate - Abrasion Impact)

Hardfacing Electrode for Moderate Abrasion - High Impact Application

ALLOY BASIS :

Low Carbon Medium Chromium

APPROVALS :

RDSO

KEY FEATURES :

- Rutile coated electrode
- Air hardenable deposit
- Machinable with carbide tools
- High weld metal recovery
- Good combination of abrasion and impact properties
- Resistant to friction
- Recommended buffer layer of Tenalloy-16 on hard base materials

WELDING POSITION :



AC (80 V) / DCEN

TYPICAL APPLICATIONS :

- Excavators, Conveyor parts
- Supporting rollers of Kiln tyres
- Wobbler ends, Cams
- Gear shafts
- Plough shares
- Shear blades
- Girth gears in cement and power plants

REDRYING CONDITION : 110°C for ½ hr.

PHYSICAL PROPERTIES :

Condition	Hardness, 3 Layer HRc (BHN)
As Welded	35-40 (330-380)

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