



ZEDALLOY 16 Cr

HARD FACING (High Impact - Corrosion Resistance)

ALLOY BASIS

C, Mn, Cr

KEY FEATURES:

- Basic coated electrode
- Machinable and crack free deposit
- Work hardening characteristics
- Typical 16% Cr deposit
- Specially formulated for resistance against impact, abrasion and corrosion


TYPICAL APPLICATIONS:

- Dipper teeth and lips
- Coal mining cutters, Rock crusher
- Pulveriser plows, Pump housing
- Conveyor rolls
- Austenitic Mn steel rails and castings
- Dredger cutter teeth, Buckets
- Ideal for buffer layer before hardfacing on mild, carbon, low alloy and austenitic Mn steels





MECHANICAL PROPERTIES OF ALL WELD METAL:

Condition	3 Layer, Hardness, HRc (BHN) Typical
As Welded	16 (200)
Work Hardened	52 (515)

PARAMETERS - PACKING DATA:

Ø x L, mm 3.15 x 450 4.0 x 450 5.0 x 450	Amperage, A 90-120 130-160 170-220	 AC (70 OCV) /DCEP REDRYING CONDITION: 250-300°C for minimum 1 hr.
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Available in Standard carton packing of 20 kg box containing 4 cartons of 5 kg each.

Machinability	Abrasion Resistance	Impact Resistance	Corrosion Resistance
			

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