

# ECO-195M

Special Electrode

## Basic coated austenitic stainless steel electrode of the 18Cr-8Ni-6Mn.

Basis Of Alloys : C, Si, Mn, Cr, Ni, Mo.

Application & Descriptions : ECO-195M is specially designed austenite stainless steel work hardening low heat input type welding electrodes. Weld metal is crack proof, tough and resistant to abrasion and deformation. Resistant to scaling up to 950°C.

Suitable for welding austenitic manganese steel, medium carbon and alloy steels(Admite), Also ideal as cushion layer and for joining dissimilar steels such as austenitic manganese steel to ferrite steels. Typical applications include track rollers, TMT Rollers, sprocket wheels, crusher hammers, overhead gantry tracks, earth moving machinery parts, crossing and joints, mining and cement industries machinery parts.

**RE-DRY CONDITION** : Re-Dry the electrode at 350°C for 1

### All WELD MECHANICAL PROPERTIES( TYPICAL):

UTS	Elongation %	Hardness
650N/mm <sup>2</sup>	35%	As welded 200BHN As work 500BHN

### DIEMENSION, CURRENT CONDITION & PACKING DATA

Size(mm) (Dia)	Size(inch) (Dia)	Current Condition (DC+ / AC) Amps	Weight of Pcs.(kg)
3.15/ 3.20 X 450	1/ 8" X 18"	70-110	2
4.00 X 450	5/ 32" X 18"	100-130	2
5.00 X 450	3/ 16" X 18"	130-160	2