

SME A11

Electrodes for MMAW Process

Cast Iron

Low-Heat Input Welding Alloys

Alloy Basis :

Ni

Characteristics :

1. SME A11 is a special electrode for welding of Cast Iron
2. Electrode with stable, smooth & soft arc and give no undercuts
3. Heat Affected Zone (transition zone) of weld metals is easily machinable.
4. Minimum penetration and hence very less dilution.

Technical Data :

UTS : 30-42 kgf/mm²



Applications :

1. Suitable for welding of cast Iron.
2. Suitable for Repair of machine frames, bearing blocks.
3. Suitable for Hot and cold welding on grey cast iron.
4. For joining cast iron to mild steel.
5. For salvaging foundry castings, gear boxes, sugar mill rollers and cast iron dies, in hard pumps.

Welding Current : AC / DC (-)

Size (Ø/Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	50 - 75	80 - 100	90 - 125

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 mm length

Packing: 2 , 5 Kg.