

SME A14

Electrodes for MMAW Process

Cast Iron

Low-Heat Input Welding Alloys

Alloy Basis :

Ni

Characteristics :

1. SME A14 is electrode for nodular and grey Cast Iron
2. Minimum base metal penetration and dilution and no undercut
3. Suitable for cladding and joining
4. Fully machinable dense deposit
5. Smooth and stable arc with uniform and fine ripple weld bead
6. Thin and easily detachable slag
7. Most suitable on both heavy and thin sections



Technical Data :

UTS : 30-35 kgf/mm²

Applications :

1. Suitable for welding of nodular and grey Cast Iron.
2. Suitable for Engine blocks (water jackets), cast iron gears and pulleys.
3. Best for fractured parts, insitu and all position welding.
4. Suitable for joining, overlaying, building up and salvaging defects.

Welding Current : AC / DC (-)

Size (Ø / Length) mm	3.2 x 350	4.0 x 350
Current (amps)	80 - 100	90 - 120

Availability:

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

Packing: 2 , 5 Kg.