

SME A06**Electrodes for MMAW Process****Steels****Low-Heat Input Welding Alloys****Alloy Basis :**

Cr, Ni, Mn

Characteristics :

SME A06 is a rutile based electrode for high strength and is crack resistance to all steels. It gives smooth ferritic-austenitic weld metal with around 30% ferrite content. Superior dilution tolerance allows use on a wide range of steels. It requires low amperage and is easy to strike and re-strike. This can be used in all position.

**Technical Data :**

UTS : 75-87 kgf/mm²
Elongation : 22-26%

Applications :

1. This can be used in joining all grades of steels.
2. Joining Dissimilar steels.
3. Joining and buttering in difficult to weld steels.
4. Heavy machinery parts, automobile springs parts subject to corrosion, heat and impact and repair of drop-forge dies.
5. Surfacing of grooved and repair of drop-forge dies.

Welding Current : AC / DC (+)

Size (Ø / Length) mm	1.6 x 350	2.5 x 350	3.2 x 350	4.0 x 350	5.0 x 350
Current (amps)	25 - 35	50 - 75	70 - 110	90 - 130	140 - 180

Availability:

Standard Size: 5.0, 4.0, 3.2 and 2.5 in 350 mm length
Packing: 2 , 5 Kg.