

SME A07

Electrodes for MMAW Process

Steels

Low-Heat Input Welding Alloys

Alloy Basis :

Fe, Cr, Mn, Ni



Characteristics :

SME A07 an electrode with high resistance to heat and corrosion. Fully austenitic electrode with high strength and resistance to heat and corrosion. Scale resistance up to 1200°C. Suitable for positional welding .The deposit is tough, crack-proof and war resistant.

Technical Data :

UTS : 55-65 kgf/mm²
Elongation : 30-35%

Applications :

1. Cladding Carbon steels, hydrogenation plants, combustion chamber parts furnace parts.
2. Used for joining and surfacing of all types of steels, alloy steels, heat, scale resistant steels, manganese steels and dissimilar steels.
3. As a cushioning layer under hard deposits.
4. Fabricating and repairing of valves, rolls, gears, hot dies, parts subject to heat, corrosion and impact.

Welding Current : AC / DC (+)

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350
Current (amps)	40 - 75	70 - 110	110 - 140

Availability:

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