

SME A080

Electrodes for MMAW Process

Steels

Low-Heat Input Welding Alloys

Alloy Basis :

Cr, Ni, Mn

Characteristics :

SME A080 is a low-heat input austenitic stainless-steel electrode. Has heat resistance up to 900°C and is resistant to impact & corrosion by atmosphere, sea water, weak acids, etc.

Technical Data :

UTS : 59-69 kgf/mm²
Elongation : 30-40%



Applications :

1. Used for joining austenitic manganese steels (14% Mn).
2. Ideal for joining austenitic Steels to mild steel.

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 - 100	100 - 145

Availability:

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