

Applications

Used for welding for food machine, magnetic machine, chemical facility, plant, etc.

Characteristics on Usage

- ① SM-60 and ST-60 has high level of mechanical properties and corrosion resistance especially in alkali case.
- ② SM-60 and ST-60 can be used for welding Ni 200 + 201, double welding of Ni alloy metal, hardfacing welding, etc.

Shielding Gas

Ar, Ar+He

Typical Chemical Composition of Wire (%)

C	Si	Mn	P	S	Ni	Ti
0.02	0.40	0.40	0.005	0.001	96.0	3.0

Typical Mechanical Properties of All-Weld Metal

TS MPa(lbs/in ²)	EL (%)
480 (69,700)	30.0

Packing

SM-60	Size(mm)	1.0	1.2	1.4	1.6
	Weight	Spool: 12.5kg			
ST-60	Size(mm)		2.0	2.4	3.2
	Weight	5kg*1,000mm			