

Applications

Used for welding desalination plant, evaporators, etc in salt and sea water processing system.

Characteristics on Usage

- ① SMT-7030 is a MIG(TIG) Wire used to weld different copper-nickel types Cu/Ni 70.30, 80.20 and 90.10.
- ② Preheating not normally required, maximum interpass temperature 150°C and no PWHT. contamination of the weld zone with foreign material, particularly any source of lead, tin or zinc must be scrupulously avoided to prevent weld metal cracking.

Shielding Gas

Ar, Ar + He

Typical Chemical Composition of Wire (%)

C	Si	Mn	P	S	Ni	Ti	Cu
0.02	0.20	0.90	0.001	0.001	31.0	0.40	67.0

Typical Mechanical Properties of All-Weld Metal

TS MPa(lbs/in ²)	EL (%)
500 (72,000)	30

Packing

SMT-7030	MIG	Size(mm)	1.0	1.2	1.4	1.6
		Weight	Spool: 12.5kg			
	TIG	Size(mm)		2.0	2.4	3.2
		Weight	5kg*1,000mm			

Approval

ABS