

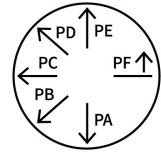
SMT-7030

Classification

AWS A5.7/ ASME SFA-5.7 ERcNi

JIS Z 3341 YCuNi-3

Welding Positions



Features

- No preheat & PWHT required, maximum interpass temperature 150°C
- Contamination of the weld zone with foreign material, particularly any source of lead, tin or zinc must be avoided to prevent weld metal cracking

Polarity

DC + (PULSE)

Application Areas

- Desalination plant
- Evaporators and etc in salt and sea water processing system

Shielding Gas

Ar

Approvals

ABS	RS
✓	✓

Typical Chemical Composition of the Wire (wt%)

Mn	Cu	Ni	Ti	Fe	others
1	Rest	30.5	0.4	1	≤0.50

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Tensile Strength MPa(ksi)	Elongation (%)
Ar, Ar + He	420 (71)	36

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
1.0 (0.039), 1.2 (0.045), 1.4 (0.052), 1.6 (1/16)	Spool 12.5kg(28lbs), 15kg(33lbs) Drum 250kg(551lb)