

ST-9010

Classification

JIS	Z 3341 YCuNi-1
EN	24373 Cu7061 CuNi10

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 scrupulously avoided to prevent weld metal cracking

Application Areas

- Desalination plant
- Offshore applications for ship building in the chemical industry

Current

DC -

Shielding Gas

Ar

Typical Chemical Composition of the Wire (wt%)

Mn	Cu	Ni	Ti	Mg
1	87	10.5	0.4	1

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)
300 (43)	34

Wire Diameter & Packaging

Wire Diameter mm(in)	Packaging
2.0 (5/64)	5kg(11lbs)*1000
2.4 (3/32)	
2.6 (0.10)	
3.2 (1/8)	

SMW

GMW

GTW

FCW

Metal-cored Wire

SAW Wire

SAW Flux