ST-347

Classification

AWS	A5.9/ASME SFA-5.9 ER347
JIS	Z 3321 Y347
EN	ISO 14343-A-W 19 9 Nb
KS	D7026 Y347

Features

- Resistance to crack is good
- Nb contents improves corrosion resistance and heat resistance

Current

DC -

Application Areas

- Boiler and gas turbine

Shielding Gas

100% Ar

Approvals

ABS
✓

Typical Chemical Composition of the Wire (wt%)

C	Si	Mn	Cu	Ni	Cr	Mo	Nb
0.05	0.41	1.6	0.09	9.1	19.2	0.06	0.7

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)
730 (106)	32

Wire Diameter & Packaging

Wire Diameter mm(in)	Packaging
1.6 (1/16)	5kg(11lbs)*1000
2.0 (5/64)	
2.4 (3/32)	
2.6 (0.10)	
3.2 (1/8)	