ST-2209

Classification

AWS	A5.9/ASME SFA-5.9 ER2209
JIS	Z 3321 YS2209
EN	ISO 14343-A-W 22 9 3 NL

Features

- Good general corrosion restance
- High resistance to chloride induced stress corrosion cracking(CSCC)

Current

DC -

Application Areas

- Welidng of offshore oil/gas, chemical and petrochemical industries

Shielding Gas

100% Ar

Approvals

ABS	BV	DNV	KR	LR
✓	✓	✓	✓	✓

Typical Chemical Composition of the Wire (wt%)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo	others
0.02	0.47	1.68	0.01	0.01	0.09	8.8	22.9	3.2	0.17

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
810 (117)	27	-20 (0) -50 (-60)	190 (140) 180 (133)

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)	