SMT-2594

Classification

AWS A5.9/ASME SFA-5.9 ER2594
EN ISO 14343-A-G 25 9 4 NL

Features

- Excellent corrosion restance
- Superior pitting resistance

Current

DC -

Application Areas

- Offshore structure & FPSO, chemical and petrochemical plants

Shielding Gas

Ar / Ar+ O2

Approvals

ABS	BV	DNV	LR
✓	✓	✓	✓

Typical Chemical Composition of the Wire (wt%)

C	Si	Mn	P	S	Cu	Ni	Cr	Mo	others
0.01	0.4	0.5	0.02	0.01	0.2	9.1	25.3	3.9	0.26

Typical Mechanical Properties of All-Weld Metal

Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
890 (129)	29	-50 (-60)	290 (214)

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)	