

SW·ER80S-Ni1



高强钢气保护实心焊丝
Solid Wire For High-strength Steel

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执行标准 CLASSIFICATION

符合 GB/T8110 G55A4HM13SN2 相当 GB/T8110 G55A4HM13SN2 AWS A5.28 ER80S-Ni1

产品特性 DESCRIPTION

适用于 550MPa 抗拉强度级别低温钢 (-45℃) 的焊接, 如 16MnDR、15MnNiDR、07MnNiCrMoVDR 等。主要应用领域为石油化工 (化肥、乙烯、煤液化、液化石油气等)、冷冻设备、食品工业及液态气体存储设备等。

It is suitable for welding low-temperature steels (-45℃) with a tensile strength grade of 550MPa, such as 16MnDR, 15MnNiDR, 07MnNiCrMoVDR, etc. Its main application fields include petrochemical industry (chemical fertilizers, ethylene, coal liquefaction, liquefied petroleum gas, etc.), refrigeration equipment, food industry and liquid gas storage equipment.

应用 APPLICATIONS

应用于焊接在 -45℃ 低温下要求好的韧性的低合金高强度钢。

It is used for welding low-alloy high-strength steels that require good toughness at a low temperature of -45℃.

电源类型 Current type

焊枪接正电极 DC+

保护气体 Protection

100%Ar

焊接位置 WELDING POSITIONS

平焊、角焊、仰焊、立向上焊、立向下焊 Flat, fillet, tilt, vertical up, vertical down

熔敷金属化学成分 Chemical composition of welded metal %

项目	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
GB/T Standard	≤0.12	0.4-0.8	≤1.25	≤0.025	≤0.025	≤0.35	0.80-1.10	≤0.15	≤0.35	≤0.05
例值 Typical values	0.06	0.60	1.12	0.012	0.007	0.11	1.05	0.01	0.044	0.01

作业条件 OPERATING CONDITIONS

直径 Diameter [mm]	Φ0.8	Φ1.0	Φ1.2
电流 Current [A]	平焊 Flat 80~150	120~220	150~240

包装 PACKAGING

1kg 5kg 15kg 盘装 Coil 也可以定制其他包装和规格 Other packaging and other diameters: please consult us
40-1000mm × 5kg 10kg 直条焊丝 Straight Stick Welding Wire