

Applications

FGD, Offshore structures and Petrochemical plants

Characteristics on Usage

- ① SMT-22 has a extremely high resistance for corrosion of a limited part
- ② Welding for Inconel 625+601, Hastelloy C-22, and Overlay of Ni-Alloy metals

Shielding Gas

Ar, Ar+He

Typical Chemical Composition of Wire (%)

C	Si	Mn	P	S	Cr	Ni	Mo	Co	V	W	Cu	Fe
0.009	0.06	0.38	0.001	0.001	22.30	55.52	14.10	0.04	0.04	2.85	0.01	4.13

Typical Mechanical Properties of All-Weld Metal

TS MPa(lbs/in²)	EL (%)
720 (104,000)	41.0

Packing

SMT-22	MIG	Size(mm)	1.0	1.2	1.6
		Weight	Spool: 12.5kg		
	TIG	Size(mm)	2.0	2.4	3.2
		Weight	5kg*1,000mm		