

PRODUCT NAME

SF-71

CONFORMANCES

- **AWS** : A5.20 E71T-1C
- **JIS** : Z3313 T49J 0 T1-1 C A-U H10
- **EN** : ISO 17632-A-T 42 0 P C 1

FEATURES

- Welded with 100% CO2 shielding gas
- Current: DC+
- Low spatter and good performance
- Smooth stable arc
- Fast freezing slag
- Suitable for all welding positions

APPLICATIONS

- Ship building
- General fabrication
- Structural fabrication
- Pressure vessels

CHEMICAL COMPOSITION

C	Si	Mn	P	S
0.04	0.49	1.29	0.010	0.009

MECHANICAL PROPERTIES

YS MPa(Lbs/in ²)	TS MPa(Lbs/in ²)	EL (%)	Temp °C(°F)	CVN-impact value J(ft.lbs)
548(79,600)	582(84,500)	28	0(32)-20(-4)	86(64) 45(33)

DIAMETER/PACKAGING

Diameter Mm (in)	Spool	Pac
1.0(0.040)	5Kg	100kg
	15kg	200kg
	20kg	250kg
1.2(0.045)	5Kg	100kg
	15kg	200kg
	20kg	250kg
1.4(0.052)	5Kg	100kg
	12.5kg	200kg
	15kg	250kg
	20kg	
1.6(1/16)	5Kg	100kg
	15kg	200kg
	20kg	250kg