

PRODUCT NAME

**Supercored 71H**

CONFORMANCES

**AWS : A5.20 E71T-1C/-9C/-9C-J**

**JIS : Z3313 T49 2 T1-1 C A H10**

**EN : ISO 17632-A-T 42 2 P C 1**

FEATURES

- Welded with 100% CO2 shielding gas
- Current: DC+
- Low temperature service steel
- Smooth stable arc
- Fast freezing slag
- Suitable for all welding positions

APPLICATIONS

- Ship building
- Offshore structure
- Structural fabrication
- Pressure vessels

CHEMICAL COMPOSITION

C	Si	Mn	P	S	Ni
0.03	0.46	1.36	0.008	0.011	0.40

MECHANICAL PROPERTIES

YS MPa(Lbs/in <sup>2</sup> )	TS MPa(Lbs/in <sup>2</sup> )	EL (%)	Temp °C(°F)	CVN-impact value J(ft.lbs)
550(79,900)	570(82,800)	27	-30(-22)- -40(-40)	90(66) 60(44)

DIAMETER/PACKAGING

Diameter Mm (in)	Spool	Pac
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