

PRODUCT NAME

SC-91B9

CONFORMANCES

AWS : A5.29 E91T1-B9M

FEATURES

- Welded with Ar + 20-25% CO2 shielding gas
- Current: DC+
- Good heat resistance (P91 grade steel)
- Suitable for all welding positions

APPLICATIONS

- Pressure vessels
- Petrochemical industry

CHEMICAL COMPOSITION

C	Si	Mn	P	S	Nb	Cr	V	Mo	N	HDM(MI/100g)
0.009	0.1	0.5	0.022	0.017	0.05	9	0.2	1	0.03	2.01

MECHANICAL PROPERTIES

YS MPa(Lbs/in ²)	TS MPa(Lbs/in ²)	EL (%)	Temp °C(°F)	CVN-impact value J(ft.lbs)	Condition
560(81,300)	740(107,400)	20	20(68)	30	SR1:2h/760°C

DIAMETER/PACKAGING

Diameter Mm (in)	Spool
1.2(0.045)	5Kg 12.5Kg 15kg
1.4(0.052)	12.5Kg 15Kg
1.6(1/16)	12.5Kg 15Kg