

PRODUCT NAME

SC-91B3

CONFORMANCES

AWS : A5.29/ ASME SFA5.29 E91T1-B3C
EN : ISO 17632-A-T CrMo2 P C 2

FEATURES

- Welded with Ar + 20-25% CO2 shielding gas
- Current: DC+
- Stable arc and low spatter
- Suitable for all welding positions

APPLICATIONS

- Pressure vessels
- Petrochemical industry

CHEMICAL COMPOSITION

C	Si	Mn	P	S	Cr	Mo
0.063	0.47	0.83	0.022	0.017	2.32	1

MECHANICAL PROPERTIES

YS MPa(Lbs/in ²)	TS MPa(Lbs/in ²)	EL (%)	PWHT
643(93,300)	730(106,000)	20	690±15°C X 1Hr

DIAMETER/PACKAGING

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