

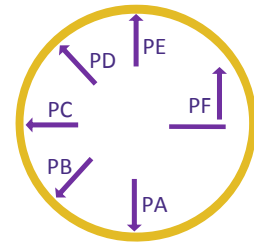
## Applications

- TSC 8016B2 for 1.25Cr-0.5Mo steel, suitable for the welding of pipe for boiler which temperature is below 550°C.
- Pressure vessels and Power plants.

## Features

- Good mechanical properties.
- Good crack resistance.

## Welding Position



## Typical Chemical Properties of All-Weld Metal (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.07	0.51	0.66	0.012	0.008	1.22	0.013	0.54

## Typical Mechanical Properties of All-Weld Metal

Ys MPa	TS MPa	EL (%)	Heat Treatment
537	622	29.8	690°C x 1hr S.R

Diameter mm (in)	2.6 (3/32)	3.2 (1/8)	4.0 (5/32)	5.0 (3/16)
Length mm (in)	350 (14)	450 (18)	450 (18)	450 (18)
F & HF	55-90	90-130	130-190	190-240
V-up, OH	50-80	80-120	120-170	

## Current

AC or DC ±

## Redrying Conditions

300~350°C (572~662°F) X 0.5~1hr

## Packing Details

4Kg Pack / 16 Kg Ctn ( Vacuum Packing)