

Swastik Weld Make Welding Wire GMAW/GTAW (MIG & TIG) for Carbon Steel

II) ER 70S-2 CLASSIFICATION: AWS A/SFA 5.18:

Chemical Composition of ER 70S-2 Wire:

C= 0.07 max

Mn= 0.90-1.40

Si= 0.40-0.70

Ti= 0.05-0.15

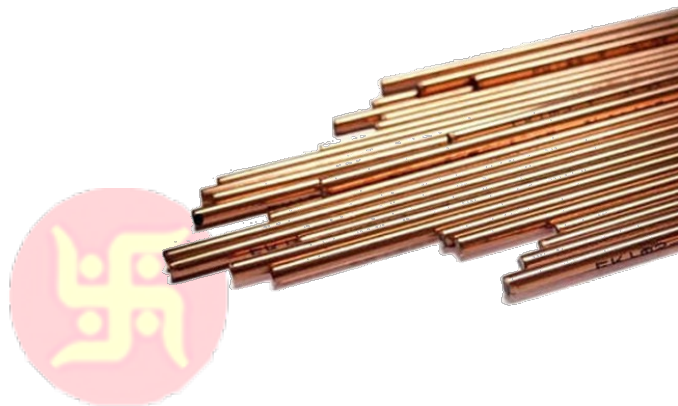
Zr= 0.02-0.12

Al= 0.05-0.15

Cu= 0.50 max

S= 0.030 max

P= 0.025 max



MECHANICAL PROPERTIES OF ALL WELD METAL :

UTS, Mpa= 420 min

EL%= 22 min

TYPICAL APPLICATION OF 70S-2 :

- 1) Welding of pressure vessel, Boilers involving unalloyed and micro-alloyed structural steels with specified UTS up to 520Mpa
- 2) High quality pipe welding of mild and medium tensile steels
- 3) Best suited for single side, melt through welding

Packing: Tig: In cut length of 1000mm in 5kgs boxes (size: 1.6, 2.0, 2.40, 3.15mm)

Mig: Continuous wire in 12.5kgs / 15kgs Plastic Spool (size: 0.80, 1.2mm)

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