



SWASTIK-WELD

**JINIK MARKETING**

## **Swastik Weld** Make Welding Wire GMAW/GTAW (MIG & TIG) for Duplex & Super Duplex Steel

### **III) ER 2205 CLASSIFICATION: AWS A/SFA 5.9**

#### **Chemical Composition of ER 2205 Wire**

C= 0.02

Mn= 0.7

Si= 0.8

Cr= 22.6

Ni= 9.4

Mo= 3.0

N= 0.16



#### **MECHANICAL PROPERTIES OF ALL WELD METAL :**

UTS, Mpa= 810

EL%= 25

#### **TYPICAL APPLICATION OF ER 2205 WIRE (Duplex Wire):**

- 1) duplex 2205 is primarily designed for welding duplex stainless steels such as 2205
- 2) The weldability of duplex steels is excellent but the welding should be adapted to the base material, considering fluidity, joint design, heat input etc

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)

**Works: Gala No. 19, Syndicate Indl. Complex, Near Golani Naka, Near Bank of Maharashtra, Wallive Road, Vasai (E), Dist. Thane - 401 208.**

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