

STRONG WL20

CLASSIFICATION: AWS SFA 5.12 EWLa-2

LANTHANATED TUNGSTEN ELECTRODES



CHARACTERISTICS

STRONG WL20 2% Lanthanated Tungsten Electrodes (AWS classification EWLa-2) contain a minimum of 97.30 per cent tungsten and 1.70 to 2.20 per cent of lanthanum. These electrodes have excellent arc starting, a low burn-off rate, good arc stability, and excellent re-ignition characteristics. Lanthanated tungsten rods also share the conductivity characteristics of 2 per cent thoriated tungsten.

APPLICATIONS

STRONG WL20 tungsten rods are a good alternative to Thoriated for DC welding of titanium alloys, nickel alloys, copper alloys, etc.

TYPICAL CHEMICAL COMPOSITION (%)

| PRINCIPAL OXIDE | MASS PERCENT OXIDE ADDITION % | IMPURITIES, MASS % | TUNGSTEN, MASS % | COLOR CODE |
|-----------------|-------------------------------|--------------------|------------------|------------|
| LANTHANUM OXIDE | 1.70-2.20 | 0.50 MAX | BALANCE | BLUE |

PACKAGING SPECIFICATIONS - TUNGSTEN RODS

DIA SIZE **1.60MM / 2.00MM / 2.40MM / 3.00MM / 4.00MM**

PACK SIZE **10 RODS PER PACKET & 10 PACKETS PER BOX**