

STRONG WC20

CLASSIFICATION: AWS SFA 5.12 EWCe-2

CERIATED TUNGSTEN ELECTRODES



CHARACTERISTICS

STRONG WC20 2.0% Ceriated Tungsten Electrodes (AWS classification EWCe-2) contain a minimum of 97.30 per cent tungsten and 1.80 to 2.20 per cent cerium. Ceriated tungsten rods perform best in DC welding at low current settings. They have excellent arc starts at low amperages and become popular in such applications as orbital tube welding, thin sheet metal work.

APPLICATIONS

STRONG WC20 tungsten rods are a good alternative to Thoriated for AC or DC welding using inverter based constant power source for low-alloyed steels, aluminum alloys, magnesium alloys, titanium alloys, etc.

TYPICAL CHEMICAL COMPOSITION (%)

| PRINCIPAL OXIDE | MASS PERCENT OXIDE ADDITION % | IMPURITIES, MASS % | TUNGSTEN, MASS % | COLOR CODE |
|-----------------|-------------------------------|--------------------|------------------|------------|
| CERIUM OXIDE | 1.80-2.20 | 0.50 MAX | BALANCE | GREY |

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