

TUNGSTEN ELECTRODES



TRUWELD supplies the following range of Tungsten Electrodes

| | |
|---------------------------|---|
| SURFACE CONDITIONS | Ground Finish, clear, no defect, no greasy dirt & other impurities |
| PROPERTIES | High Melting Point , Steady Arc without Self Consume |
| STANDARDS | Tungsten Electrodes execute ISO 6848 in Electronics Standard |
| APPLICATION | Used for Inert Gas protection arc welding, plasma cutting, spray-coating and furnace melting |
| SIZES AVAILABLE | <p>In Diameters</p> <p>* 0.8mm * 1.0mm * 1.2mm * 1.6mm * 2.0mm * 2.4mm * 3.0mm * 3.2 mm * 4.0mm * 4.8mm * 5.0mm * 6.4mm</p> <p>In Lengths</p> <p>All the above are available in 150 mm or 175 mm Lengths</p> |
| PACKING | 10 pcs/Box |

| TYPE, COMPOSITION AND COLOUR CODES | | | | | |
|------------------------------------|------------------|------------------|--------------------|------------|---------------|
| TYPE | COMPOSITION | | | | COLOUR CODE |
| | Added Impurity | Added Impurity % | Other Impurities % | Tungsten % | |
| WP | - | - | <0.20 | Remaining | Green |
| WT10 | ThO ₂ | 0.80 - 1.20 | <0.20 | Remaining | Yellow |
| WT20 | ThO ₂ | 1.70 - 2.20 | <0.20 | Remaining | Red |
| WT30 | ThO ₂ | 2.80 - 3.20 | <0.20 | Remaining | Violet |
| WT40 | ThO ₂ | 3.80 - 4.20 | <0.20 | Remaining | Orange |
| WZ3 | ZrO ₂ | 0.15 - 0.50 | <0.20 | Remaining | Brown |
| WZ8 | ZrO ₂ | 0.70 - 0.90 | <0.20 | Remaining | White |
| WL 10 | LaO ₂ | 0.90 - 1.20 | <0.20 | Remaining | Black |
| WL15 | LaO ₂ | 1.30 - 1.70 | <0.20 | Remaining | Golden Yellow |
| WL20 | LaO ₂ | 1.80 - 2.20 | <0.20 | Remaining | Blue |
| WC20 | CeO ₂ | 1.80 - 2.20 | <0.20 | Remaining | Grey |

Diameter Tolerance : +/- 0.05 mm

Length Tolerance : +/- 1.0 mm

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