

TAURUS ERCUAL ALUMINIUM BRONZE MIG WIRE

Description

Taurus aluminium-bronze MIG wire is an intermediate-strength alloy with improved resistance to wear and brazing. It is used for aluminium-bronze plate fabrications and for dissimilar metals such as cast iron, carbon steels, copper as well as copper-nickel materials.

APPLICATIONS

Applications include wear-surface reconstruction, casting repairs, general maintenance and galvanized sheet-metal fabrication when high-strength welds are required.

WELDING POSITIONS

- Downhand
- Horizontal flat
- Horizontal vertical
- Vertical up
- Vertical down
- Overhead

CLASSIFICATIONS

- AWS A5.7 ERCuAl-A2
- EN ISO 24373 Cu6180 CuAl10Fe

AVAILABLE IN

- 1.2mm – 15kg spool pack

COMPOSITION	%
Copper	Balance
Aluminium	8.5 – 11.0
Iron	0.5 – 1.5
Lead	0.02 max
Silicon	0.10 max
Zinc	0.02 max

MECHANICAL	AS WELDED
Solids-temperature	1030°C
Density	7.6kg/dm³
Elongation	0.35
Liquids-temperature	1040°C – 1090°C
Tensile strength	390-500N/mm²
Brinell hardness	140HB

Product Category

1. Bronze
2. Consumables
3. Mig Wire

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