

TAURUS 5356 ALUMINIUM TIG RODS

Description

TAURUS TIG 5356 is a 95% aluminium, 5% magnesium rod for general purpose welding when 40 000 psi tensile strength is not required. TAURUS TIG 5356 should be used with a zirconated tungsten electrode with pure argon or an argon-helium mixture for thick sections, at a flow rates of 10 – 15 l/min. For oxy-acetylene gas welding, a neutral flame should be used with aluminium welding flux.

APPLICATIONS

Applications in the construction of ships, bulk container, railway and the automotive industries.

WELDING POSITIONS

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

CLASSIFICATIONS

- AWS A5.10 ER5356
- EN ISO 18273 Al5356 (AlMg5)

AVAILABLE IN

- 1.6 x 1000mm – 5kg pack
- 2.4 x 1000mm – 5kg pack
- 3.2 x 1000mm – 5kg pack

COMPOSITION	%
Silicon	0.25 Max
Iron	0.4 Max
Copper	0.05 Max
Manganese	0.1 – 0.2
Magnesium	4.5 – 5.6

Zinc	0.1 Max
Titanium	0.07 – 0.15
Beryllium	0.0008
Chromium	0.1 – 0.3
Aluminium	Balance

MECHANICAL PROPERTIES	**AS WELDED**
Tensile strength	240 MPa
0.2% Proof stress	125 MPa
Elongation on 5d	17 %

Product Category

1. Aluminium
2. Consumables
3. Tig Rods

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