

TIG

ALUMINIUM

TAURUS TIG 5356

TAURUS TIG 5356 are 95% aluminium, 5% magnesium wires for general purpose welding when 40 000 psi (276 MPa) 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 flow rates of 10 - 15 l/min. For oxy-acetylene gas welding, a neutral flame should be used with aluminium welding flux.

APPLICATIONS

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



CLASSIFICATIONS			
AWS	A5.10	ER5356	
EN ISO	18273	Al5356 (AlMg5Cr)	
Typical Chemical Analysis (all weld metal)			
% Silicon	0.25 max	% Zinc	0.1 max
% Iron	0.4 max	% Titanium	0.07 - 0.15
% Copper	0.05 max	% Beryllium	0.0008 max
% Manganese	0.1 - 0.2	% Aluminium	Bal.
% Magnesium	4.5 - 5.6	% Chromium	0.1 - 0.3
Typical Mechanical Properties (all weld metal in the as welded condition)			
Tensile strength		240 MPa	
0.2% Proof Stress		125 MPa	
% Elongation on 5d		17	
PACKING DATA			
Product Code	Description	Diameter (mm)	Pack mass (kg/tube)
5356T-1.6-T	TAURUS ALUMINIUM TIG ROD 5356	1.6	5
5356T-2.4-T	TAURUS ALUMINIUM TIG ROD 5356	2.4	5
5356T-3.2-T	TAURUS ALUMINIUM TIG ROD 5356	3.2	5