



TIGFIL 5556

GTAW ALUMINIUM ALLOYS

AWS A/SFA 5.10 **ER5556**

CLASSIFICATION:

EN ISO 18273

S Al 5556 (Al Mg5 Mn 1 Ti (A))

KEY FEATURES:

- Al-5Mg-Mn solid wire
- Excellent feedability with consistent welding performance
- Good ductility and crack resistance
- Increased amounts of manganese and magnesium
- High corrosion resistance in marine environment
- Radiographic weld quality resistance


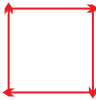
TYPICAL APPLICATIONS:

- Welding of similar composition 5XXX alloys like 5083 and 5456
- Automotive, Storage tanks
- Marine application
- Structural fabrication

CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
0.25 max	0.40 max	0.10 max	0.05-1.0	4.7-5.5	0.05-0.20	0.25 max	0.05-0.20	Bal.

PARAMETERS - PACKING DATA:

Ø x L, mm	Net Wt., Kg/7		
1.6 x 1000	8	 AC STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
2.0 x 1000	8		
2.4 x 1000	8		

Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 8 kg box, containing 4 plastic tubes of 2 kg each.