



# WB5356T T.I.G. WELDING WIRE

<b>Classifications</b>	BS 2901 Part 4-90 : 5356      AWS A5.10-92 : ER5356										
<b>Product Description</b>	Aluminium solid TIG wire containing 5% Magnesium.										
<b>Applications</b>	<p>WB5356T is a Aluminium / 5% Magnesium TIG wire for welding Al / Mg and Al / Mg / Si material.</p> <p>The high strength weld metal has excellent corrosion resistance in marine environments. WB5356T has excellent colour match with material to be anodised. WB5356T is the most versatile and common grade of Aluminium MIG filler material. Meting range 560-630°C.</p>										
<b>Wire Composition(Weight %)</b>		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	
<b>min.</b>		-	-	-	0.05	4.5	0.05	-	0.06	bal.	
<b>max.</b>		0.25	0.40	0.10	0.20	5.5	0.20	0.10	0.20	-	
<b>Typical All-Weld Metal Mechanical Properties</b>	Ultimate Tensile Strength					N/mm <sup>2</sup>		280 min.			
	Yield Stress/0.2% Proof Stress					N/mm <sup>2</sup>		130 min.			
	Elongation on 5D					%		25 min.			
	Impact Energy CV @ as-welded					Joules		-			

<b>Wire Dia (mm)</b>		0.6mm	0.8mm	1.0mm	1.2mm	1.6mm	2.4mm	3.2mm
<b>Current Range (Amps)</b>	<b>min.</b>	-	-	-	-	60	60	60
	<b>max.</b>	-	-	-	-	100	100	100
<b>Volt Range (Volts)</b>	<b>min.</b>	-	-	-	-	-	-	-
	<b>max.</b>	-	-	-	-	-	-	-
<b>Packaging Information</b>								
<b>Kg Per Tube</b>		-	-	-	-	2.5	2.5	2.5
<b>Storage</b>	<p><b>Storage</b> It is recommended that the WB range of wires are stored in a dry heated store at a minimum temperature of 18°C, and a maximum relative humidity of 60%.</p>							
<b>Gases</b>	<p><b>Gas</b> Pure Argon, Helium or Argon / Helium Mixture</p> <p><b>Flow Rate</b> Pure Argon or Argon / Helium Mixture 5-10 l/min Helium 7-13 l/min</p>							

## Current Conditions AC and Welding Positions

