WB70/30CuNi T.I.G. WELDING WIRE

Classifications	BS 2901 Part 3 C18 AWS A5.7 : ERCuNi
Product Description	Copper-Nickel, solid TIG wire.
Applications	WB70/30CuNi is suitable for the repair and welding of CN103-CN107, CA 715UNS C71500 and similar cupronickel alloys. Used extensively for offshore pipe and cladding systems, desalination plants and similar applications / environments.

Wire Composition(Weight %)	Cu	Ni	Mn	Ti	Al	Fe	Si	Pb	P	S
min.	bal.	30.0	0.5	0.20	-	0.40	-	-	-	-
max.	-	32.0	1.0	0.50	0.03	0.75	0.1	0.007	0.01	0.01

Typical All-Weld Metal Mechanical Properties		
Ultimate Tensile Strength	N/mm^2	-
Yield Stress/0.2% Proof Stress	N/mm^2	-
Elongation on 5D	%	-
Impact Energy CV @ as-welded	Joules	-

Wire Dia (mm)		0.6mm	0.8mm	1.0mm	1.2mm	1.6mm	2.4mm	3.2mm
Current Range (Amps)	**min.**	-	-	-	-	80	80	80
	max.	-	-	-	-	120	120	120
Volt Range (Volts)	**min.**	-	-	-	-	-	-	-
	max.	-	-	-	-	-	-	-
Packaging Information **Kg Per Tube**		-	-	-	-	5	5	5

Storage	**Storage** 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%.
Gases	**Gas** Pure Argon or Argon + 1-5%H_2 **Flow Rate** 7-10 l/min

Current Conditions DC- and Welding Positions