

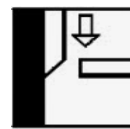
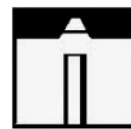
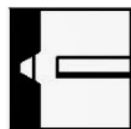
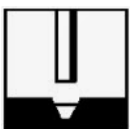


WB310T TIG WELDING WIRE

Classifications	AWS A5.9: ER310 BS EN ISO 14343-A: W 25 20	
Product Description	310 stainless steel, solid TIG wire.	
Applications	<p>WB310T is used mainly for welding and repairing 310 type stainless steels and dissimilar combinations of high temperature steels.</p> <p>The weld deposit can be post-weld-heat-treated without loss of properties. Can be used for welding the following materials:- BS310S24, 310S31 & 310C24, ASTM310, 310S & CK20, DIN 1.4841, 1.4845 & 1.4840. Fully Austenitic weld deposit.</p>	
Wire Composition (Wt. %)		
	C	Mn
min.	0.08	1.0
max.	0.15	2.5
	Si	S
	0.30	-
	0.65	0.03
	P	Cr
	-	25.0
	0.03	28.0
	Ni	Mo
	20.0	-
	22.5	0.5
	Cu	
	-	0.50
Typical All-Weld Metal Mechanical Properties	Ultimate Tensile Strength	N/mm ² 550 min.
	Yield Stress/0.2% Proof Stress	N/mm ² 350 min.
	Elongation on 5D	% 20 min.
	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.	-	-	-	-	60	80	100
	max.	-	-	-	-	100	140	180
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 Flow Rate 12-14 L/min							

Current Conditions DC+ and Welding Positions



Approvals: CE