WBC26M MIG WELDING WIRE

Classifications	**AWS A5.7:** ERCuNiAl **BS EN ISO 24373:** CuAl9Ni5Fe3Mn2
Product Description	Ni-Al-Cu solid MIG wire.
Applications	WBC26M is suitable for the repair and welding of CA104, CA105, AB2 (cast), Alloy 3, ASTM C63200 & CA630. Typical applications include: - corrosion resistant and spark resistant pumps, ship propellers, heat exchangers etc.

Wire Composition (Wt. %)	Cu	Al	Ni	Fe	Mn	Si	Zn	Pb		
min.	Bal.	8.50	4.00	3.0	0.60	-	-	-		
max.	-	9.50	5.50	5.0	3.50	0.10	0.10	0.02		

Typical All-Weld Metal Mechanical Properties			
Ultimate Tensile Strength	N/mm²	740
Yield Stress/0.2% Proof Stress	N/mm²	400
Elongation on 4D	%	19
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	120	160	180	-	-
	max.	-	180	240	260	300	-	-
Volt Range (Volts)	**min.**	-	17	17	18	20	-	-
	max.	-	20	23	26	29	-	-
Packaging Information **Kg Per Reel**		-	15	15	15	15	-	-

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 Helium, Pure Argon or Argon + Helium mixture **Flow Rate** 15-20 L/min

Current Conditions DC- and Welding Positions