

WB308LM MIG WELDING WIRE

Product Description 308L stainless steel, solid MIG wire. Applications WB308LM is suitable for the repair and welding of wrought and cast alloys such 304, 304L, C12 and 304.S.62. Suitable for use in corrosive environments up 400°C. Also suitable for welding type 321 stabilised grade, in addition to types 301, 302 at 303. Turpipel applications	3-A: G 19 9 LSi							
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engineering.								
Ferrite in the 3-8 FN range.								
Wire Composition (Wt. %)								
C Mn Si S P Cr Ni Mo Cu								
min 1.0 0.30 19.5 9.0								
max. 0.03 2.5 0.80 0.03 0.03 22.0 11.0 0.5 0.50								
Typical All-Weld Metal Ultimate Tensile Strength N/mm ² 510 min. *597	510 min. *597							
Mechanical Properties Vield Stress/0.2% Proof Stress N/mm ² 320 min. *428	320 min. *428							
Elongation on 5D % 30 min *39								
Impact Energy $CV @ -196$ Joules *78								
As welded *actual								

Wire Dia. (mm)		0.6mm	0.8mm	1.0mm	1.2mm	1.6mm	2.4mm	3.2mm
	min.	-	80	120	160	180	-	-
Current Range (Amps)	max.	-	180	240	260	340	-	-
	min.	-	17	17	18	20	-	-
Volt Range (Volts)	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 a minimum temperature of 18°C, and a maximum relative humidity of 60%.							tore at a	
Gases		Gas Flow Rate Argon + 2%O2 or Argon + 2-3%CO2 15-20 L/min						



Approvals: CE