

Test Certificate: 103618

To:
 PARWELD LIMITED
 BEWDLEY BUSINESS PARK
 LONG BANK
 BEWDLEY
 WORCS
 DY12 2TZ

Date: 09/04/2019

Order No: 21494

Advice Note No: 52985

Material:
 ER70S-2
 1.0mm
 TIG X 5KG

Quantity, KG:
 20

Cast No:	392452
-----------------	--------

Specification:

AWS A5.18/A5.18M: ER70S-2
 BS EN ISO 636-A: W 46 2 2Ti

Chemical Analysis EN 10204: 3.1

C	Si	Mn	P	S	Cr	Ni	Mo	Fe	Cu*
0.04	0.55	1.12	0.004	0.014	0.14	0.04	0.02	Bal	0.021

W	Nb	Al	V	Ti	Co	Pb	Sn	B	As
	0.001	0.070	0.011	0.079	0.0010	0.001	0.001	0.0010	0.001

Zr	Ta	Sb	N	Bi	Zn	Mg	Be	Ce	Ca
0.050	0.002	0.0010							0.0004

Ag	Ga	Y				X Factor	FN-WRC	OE**	TOE**

* Copper excluding copper coating. ** Other elements individual. *** Other elements total.

Mechanical properties of pure weld metal EN ISO 15792-1 test report EN 10204: 2.2

TYPE	PWHT	Rp0.2 %		Rm		A5		Av	
		Min	Result	Min	Result	Min	Result	Min	Result
	°C/hr	MPa	MPa	MPa	MPa	%	%	J @ °C	J @ °C
TIG	AW	≥ 460	642	≥ 530	693	≥20	22	≥47 @ -20	95 @ -20

Certified that the product(s) detailed hereon have been inspected and tested in accordance with the conditions and requirements of the purchase order and unless otherwise noted conform in all respects to the specifications relevant thereto.

Signed: