SWP
Specialised Welding Products Ltd

TÜV NORD ISO 9001

CERTIFICATE

EN 10204

	2.2	3.1
CHEMICAL	☐	☒
MECHANICAL	☒	☐

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Purchaser	SPECIALISED WELDING PRODUTS LTD ENGLAND
Order Nr	10/SWP/492-2011
Product Group	GMAW/GTAW Wire - Non & Low alloyed
Brand Name	SG 70 S-2 (ER70S-2/W2 TI - TIG A15) / 5 KG CARTON BOX
Standard	AWS A5.18:05 TS EN ISO 636-A:09
Classification	ER 70 S-2 W2TI
Size	2,40x1000 mm
Serial Nr	15243972411
Charge Nr	724-10

Chemical Composition of Welding Wire (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu*	V	Al	Ti+Zr	Ti	Zr	-	-	-
AWS	*<0,07*	*0,40 - 0,70*	*0,90 - 1,40*	*<0,025*	*<0,035*	*<0,15*	*<0,15*	*<0,15*	*<0,50*	*<0,03*	*0,05 - 0,15*	-	*0,05 - 0,15*	*0,02 - 0,12*	-	-	-
TS/EN ISO	*0,04 - 0,14*	*0,40 - 0,80*	*0,90 - 1,40*	*<0,025*	*<0,025*	*<0,15*	*<0,15*	*<0,15*	*<0,35*	*<0,03*	*0,05 - 0,20*	*0,05 - 0,25*	-	-	-	-	-
724-10	0,060	0,537	0,998	0,007	0,007	0,020	0,062	0,015	0,085	0,006	0,140	0,150	0,100	0,050	-	-	-

*)Including the copper coating

Mechanical Properties

Tensile Test	- EN 10002-1	Impact Test	- EN 10045-1
Specimen preparation	- EN 876	Specimen preparation	- EN 875 VWT 0/b

	Test Temperature °C	R_p Yield Strength N / mm²	R_m Tensile Strength N / mm²	A Elong. $\%L_o=5d_o$	Test Temperature °C	KV Impact Strength J	KV Average J	Hardness -	Radiographic test -	Comment
AWS	*20*	*>400*	*>480*	*>22*	*-30*	-	*>27*	-	-	
TS/EN ISO	*20*	*>380*	*470 - 600*	*>20*	*-30*	-	*>47*	-	-	
	20	min. 400	min. 480	min. 22	-30	-	min. 47	-	-	

Quality Department

F188/00