SWP
Specialised Welding Products Ltd

CERTIFICATE

TÜV NORD ISO 9001

EN 10204

	2.2	3.1
CHEMICAL	☐	☒
MECHANICAL	☒	☐

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Purchaser	**SPECIALISED WELDING PRODUCTS LTD FARRINGDON INDUSTRIAL CENTRE ALTON HAMPSHIRE GU34 DP,UK ENGLAND**
Order Nr	07/swp/323-2011
Product Group	GMAW/GTAW Wire - Non & Low alloyed
Brand Name	**SG 2 MIG-D300, PLW, 14.2 KG NET**
Standard	AWS A5.18:05 TS EN ISO 14341-A:09
Classification	ER 70 S-6 G3Si1
Size	**1,60 mm**
Quantity	1.022,40 Kg
Serial Nr	**126094271**
Charge Nr	094-11

Chemical Composition of Welding Wire (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu*	V	Al	Ti+Zr	-	-	-	-	-
AWS	*0,06 - 0,15*	*0,80 - 1,15*	*1,40 - 1,85*	*<0,025*	*<0,035*	*<0,15*	*<0,15*	*<0,15*	*<0,50*	*<0,03*	-	-	-	-	-	-	-
TS/EN /ISO	*0,06 - 0,14*	*0,70 - 1,00*	*1,30 - 1,60*	*<0,025*	*<0,025*	*<0,15*	*<0,15*	*<0,15*	*<0,35*	*<0,03*	*<0,02*	*<0,15*	-	-	-	-	-
094-11	0,063	0,803	1,466	0,014	0,009	0,041	0,052	0,018	0,139	0,009	0,001	0,003	-	-	-	-	-

*)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	R_p Yield Strength	R_m Tensile Strength	A Elong.	Test Temperature	KV Impact Strength	KV Average	Hardness	Radiographic test	Comment
	°C	N / mm²	N / mm²	$\%L_o=5d_o$	°C	J	J	-	-	
AWS	*20*	*>400*	*>480*	*>22*	*-30*	-	*>27*	-	-	
TS/EN/ISO	*20*	*>420*	*500 - 640*	*>20*	*-30*	-	*>47*	-	-	
	20	min. 420	500 - 640	min. 22	-30	-	min. 47	-	-	

Quality Department

F186/00