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 3 MIG-D300, PLW, 14.2 KG NET**
Standard	AWS A5.18:05 TS EN ISO 14341-A:09
Classification	ER 70 S-6 G4Si1
Size	**1,20 mm**
Quantity	1.022,40 Kg
Serial Nr	**222652271**
Charge Nr	652-11

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*	*0,80 - 1,20*	*1,60 - 1,90*	*<0,025*	*<0,025*	*<0,15*	*<0,15*	*<0,15*	*<0,35*	*<0,03*	*<0,02*	*<0,15*	-	-	-	-	-
652-11	0,083	0,944	1,683	0,005	0,010	0,030	0,047	0,014	0,103	0,005	0,001	0,017	-	-	-	-	-

*)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 Ort. J	Hardness -	Radiographic test -	Comment
AWS	*20*	*>400*	*>480*	*>22*	*-30*	-	*>27*	-	-	
TS/EN/ISO	*20*	*>460*	*530 - 680*	*>22*	*-30*	-	*>47*	-	-	
	20	min. 460	540 - 670	min. 22	-30	-	min. 47	-	-	

Quality Department

F186/00