SWP
Specialised Welding Products Ltd

7442
CERTIFICATE

TUV NORD ISO 9001

EN 10204

	2.2	3.1
CHEMICAL		X
MECHANICAL	X	

Number	L - 5310	Date	13.04.2011
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Purchaser	**SPECIALISED WELDING PRODUCTS LTD UNITED KINGDOM**
Order Nr	
Product Group	Covered electrode - stainless, high alloyed
Brand Name	**ELOX R 309 L 17 (SUPER6 309-17) / 4.5 KG, PLASTIC BOX**
Standard	AWS A5.4:06 TS 2716 EN 1600:02
Classification	E 309 L -17 E 23 12 L R 32
Size	**2,50 mm**
Quantity	45 Kg
Serial Nr	**11-2141**
Charge Nr	141

Chemical Composition of Weld Metal (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	-	-	-	-	-
AWS	*<0,04*	*<1,0*	*0,5-2,5*	*<0,04*	*<0,03*	*22,0-25,0*	*12,0-14,0*	*<0,75*	*<0,75*	-	-	*Rest/Kalan*	-	-	-	-	-
TS/EN/ISO	*<0,04*	*<1,2*	*<2,5*	*<0,03*	*<0,025*	*22,0-25,0*	*11,0-14,0*	-	-	-	-	*Rest/Kalan*	-	-	-	-	-
141	0,034	0,923	0,963	0,021	0,004	22,601	13,445	0,054	0,030	0,046	0,001	Rest/Kalan	-	-	-	-	-

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*	-	*>520*	*>30*	-	-	-	-	-	
TS/EN/ISO	*20*	*>320*	*>510*	*>25*	-	-	-	-	-	
	20	min. 440	540 - 720	min. 30	20	-	min. 47	-	-	

Comment

Quality Department

F186/00

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