SWP
Specialised Welding Products Ltd

7436
CERTIFICATE

TÜV NORD ISO 9001

EN 10204

	2.2	3.1
CHEMICAL	X	
MECHANICAL	X	

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Purchaser	**SPECIALISED WELDING PRODUCTS LTD UNITED KINGDOM**
Order Nr	
Product Group	Covered electrode - cast iron
Brand Name	**ELNIFER (SUPER6 NICKEL IRON) / 1 KG, PLASTIC BOX**
Standard	AWS A5.15:90 TS 9463 EN ISO 1071:05
Classification	E NiFe-CI E C NiFe CI 1
Size	**4,00 mm**
Quantity	25 Kg
Serial Nr	**11-4121**
Charge Nr	121

Chemical Composition of Weld Metal (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	-	-	-	-	-
AWS	*<2,0*	*<4,0*	*<2,5*	-	*<0,03*	-	*45,0-60,0*	-	*<2,5*	-	*<1,0*	*Rest/Kalan*	-	-	-	-	-
TS/EN/ISO	*<2,0*	*<4,0*	*<2,5*	-	*<0,04*	-	*40,0-60,0*	-	*<2,5*	-	*<1,0*	*Rest/Kalan*	-	-	-	-	-
121	0,651	0,281	0,562	0,004	0,002	0,043	51,802	0,387	0,002	0,003	0,059	46,820	-	-	-	-	-

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	HB	-	
AWS	*20*	-	-	-	-	-	-	*165-218*	-	
TS/EN/ISO	*20*	-	-	-	-	-	-	-	-	
	20	-	-	-	-	-	-	~190	-	

Comment

Quality Department

F186/00

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