SWP
Specialised Welding Products Ltd

7434

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	**2,50 mm**
Quantity	15 Kg
Serial Nr	**11-2121**
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 °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 HB	Radiographic test -	Comment
AWS	*20*	-	-	-	-	-	-	*165-218*	-	
TS/EN/ISO	*20*	-	-	-	-	-	-	-	-	
	20	-	-	-	-	-	-	~190	-	

Comment

Quality Department

F186/00

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