

CERTIFICATE

EN 10204

	2.2	3.1
CHEMICAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MECHANICAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Number	L - 6571	Date	29.07.2011
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Purchaser	SPECIALISED WELDING PRODUCTS LTD ENGLAND		
Order Nr	08/SWP/400-2011		
Product Group	Covered electrode - stainless, high alloyed		
Brand Name	ELOX R 312 L 17 (SUPER6 312-17) / 3 KG, PLASTIC BOX		
Standard	AWS A5.4:06	TS 2716	EN 1600:02
Classification	E 312 - 16	E 29 9 R 12	
Size	3,20x350 mm		
Quantity	45	Kg	
Serial Nr	3172		
Charge Nr	172		

Chemical Composition of Weld Metal (%)																	
Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	-	-	-	-	-
AWS	<0,15	<1,0	0,5-2,5	<0,04	<0,03	26,0-32,0	8,0-10,5	<0,75	<0,75	-	-	Rest/Kalan	-	-	-	-	-
TS/EN/ISO	<0,15	<1,2	<2,5	<0,035	<0,025	27,0-31,0	8,0-12,0	-	-	-	-	Rest/Kalan	-	-	-	-	-
172	0,118	0,948	0,644	0,027	0,001	29,063	9,229	0,219	0,136	0,071	0,001	Rest/Kalan	-	-	-	-	-

Mechanical Properties										
Tensile Test					Impact Test					
- EN 10002-1					- EN 10045-1					
Specimen preparation					Specimen preparation					
- EN 876					- EN 875 VWT 0/b					
Test	Temperature	R _p Yield Strength	R _m Tensile Strength	A Elong.	Test	KV Impact Strength	KV Average hardness	Radiographic test	Comment	
	°C	N / mm ²	N / mm ²	%L ₅₀ =5d ₅	°C	J	J	-	-	
AWS	20	-	>660	>22	-	-	-	-	-	
TS/EN/ISO	20	>450	>650	>15	-	-	-	-	-	
	20	min. 490	700 - 830	min. 22	20	-	min. 24	-	-	



Quality Department

F186/00