

EN 10204

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

Number	L - 5126	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 312 ( SUPER6 312-16 ) / 4.5 KG, PLASTIC BOX		
Standard	AWS A5.4:06 TS 2716 EN 1600:02		
Classification	E 312 - 16 E 29 9 R 12		
Size	4,00 mm		
Quantity	67,5 Kg		
Serial Nr	11-4021		
Charge Nr	021		

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	28,0-32,0	8,0-10,6	<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	-	-	-	-	-
021	0,090	0,912	0,625	0,021	0,002	29,342	9,048	0,012	0,052	0,073	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 <sub>p</sub> Yield Strength	R <sub>m</sub> Tensile Strength	A Elong.	Test Temperature	KV Impact Strength	KV Average Hardness	Radiographic test	Comment	
	°C	N / mm <sup>2</sup>	N / mm <sup>2</sup>	%L <sub>50</sub> =5d <sub>0</sub>	°C	J	J	-	-	-
AWS	20	-	>660	>22	-	-	-	-	-	-
TS/EN/ISO	20	>450	>650	>15	-	-	-	-	-	-
	20	min. 490	700 - 830	min. 22	20	-	min. 24	-	-	-

Comment



Quality Department

F186/00