

EN 10204

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

Number	L - 5306	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 316 L 17 (SUPER6 E 316L-17) / 4.5 KG PLASTIC BOX		
Standard	AWS A5.4:06 TS 2716 EN 1600:02		
Classification	E 316 L - 17 E 19 12 3 L R 32		
Size	3,20 mm		
Quantity	112,5 Kg		
Serial Nr	11-3116		
Charge Nr	116		

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	17,0-20,0	11,0-14,0	2,0-3,0	<0,75	-	-	Rest/Kalan	-	-	-	-	-
TS/ENISO	<0,04	<1,2	<2,0	<0,03	<0,025	17,0-20,0	10,0-13,0	2,5-3,0	-	-	-	Rest/Kalan	-	-	-	-	-
116	0,024	0,784	0,886	0,026	0,007	18,868	11,729	2,632	0,078	0,081	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.	%L ₅₀ =5d ₀	Test Temperature	KV Impact Strength	KV Average hardness	Radiographic test	Comment
°C	N / mm ²	N / mm ²	%		°C	J	J	-	-
AWS	20	-	>490	>30	-	-	-	-	-
TS/ENISO	20	>320	>510	>25	-	-	-	-	-
	20	min. 355	540 - 670	min. 30	20	-	min. 47	-	-

Comment



Quality Department