

CERTIFICATE



EN 10204

 CHEMICAL
MECHANICAL

2.2	3.1
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Number	L - 11334	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 316 L 17 (SUPER6 E 316-17) / 4.5 KG PLASTIC BOX		
Standard	AWS A5.4:06 TS 2716 EN 1600:02		
Classification	E 316 L - 16 E 19 12 3 L R 32		
Size	3,20x350 mm		
Quantity	112,5 Kg		
Serial Nr	3232		
Charge Nr	232		

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	-	-	-	-	-
232	0,025	0,814	0,895	0,028	0,015	19,118	11,938	2,645	0,149	0,093	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-tardness	Radiographic test	Comment
	°C	N / mm ²	N / mm ²	%L ₀ =5d ₀		J	J	-	-
AWS	20	-	>490	>30	-	-	-	-	-
TS/ENISO	20	>320	>510	>25	-	-	-	-	-
	20	min. 355	540 - 670	min. 30	20	-	min. 47	-	-



Quality Department

F186/00