

EN 10204

CHEMICAL 2.2 3.1
MECHANICAL

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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	4,00 mm		
Quantity	112,5 Kg		
Serial Nr	11-4116		
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.	Test Temperature	KV Impact Strength	KV Average Hardness	Radiographic test	Comment		
°C	N / mm ²	N / mm ²	%L ₀ =5d ₀	°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

F186/00