

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 309 Mol (SUPER6 309 MOL) / 4.5 KG, PLASTIC BOX		
Standard	AWS A5.4:06 TS 2716 EN 1600:02		
Classification	E 309 MoL - 17 E 23 12 2 L R 32		
Size	3,20 mm		
Quantity	67,5 Kg		
Serial Nr	11-3081		
Charge Nr	081		

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	22,0-25,0	12,0-14,0	2,0-3,0	<0,75	-	-	Rest/Kalen	-	-	-	-	-
TS/EN/ISO	<0,04	<1,2	<2,5	<0,03	<0,025	22,0-25,0	11,0-14,0	2,0-3,0	-	-	-	Rest/Kalen	-	-	-	-	-
081	0,033	0,694	0,770	0,018	0,001	22,256	12,129	2,753	0,045	0,084	0,001	Rest/Kalen	-	-	-	-	-

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 ₅₀ =5d ₀	°C	J	J	-	-	
AWS	20	-	>520	>30	-	-	-	-	
TS/EN/ISO	20	>350	>550	>25	-	-	-	-	
	20	min. 490	620 - 750	min. 30	20	-	min. 47	-	

Comment


Quality Department