

EN 10204

 CHEMICAL
MECHANICAL

	2.2	3.1
X	X	
X		

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Purchaser	SPECIALISED WELDING PRODUCTS LTD UNITED KINGDOM		
Order Nr			
Product Group	Covered electrode - cast iron		
Brand Name	ELNIKEL (SUPER6-MI-CI) / 1 KG, PLASTIC BOX		
Standard	AWS A5.15:90	TS 9463	EN ISO 1071:05
Classification	E Ni-CI	E C Ni-CI 1	
Size	3,20 mm		
Quantity	30	Kg	
Serial Nr	11-3120		
Charge Nr	120		

Chemical Composition of Weld Metal (%)

Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	-	-	-	-	-
AWS	<2,0	<4,0	<2,5	-	<0,03	-	>85,0	-	<2,5	-	<1,0	<8,0	-	-	-	-	-
TS/EN/ISO	<2,0	<4,0	<2,5	-	<0,03	-	>85,0	-	<2,5	-	<1,0	<8,0	-	-	-	-	-
120	0,920	0,333	0,168	0,004	0,001	0,001	97,382	0,490	0,047	0,001	0,001	0,435	-	-	-	-	-

Mechanical Properties
Kaynak Metalinin Mekanik Degerleri

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	HB	-	
AWS	20	-	-	-	-	-	-	135-218	-
TS/EN/ISO	20	-	-	-	-	-	-	-	-
	20	-	-	-	-	-	-	~170	-

Comment



Quality Department

F186/00