

# CERTIFICATE



EN 10204

 CHEMICAL  
MECHANICAL

	2.2	3.1
CHEMICAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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	2,50 mm		
Quantity	15	Kg	
Serial Nr	11-2120		
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										
Tensile Test					Impact Test					
- EN 10002-1					Çentik Darbe Testi			- EN 10045-1		
Specimen preparation					Specimen preparation			Test parçası hazırlanması		
- EN 876					- EN 875 VWT 0/b					
	Test	R <sub>p</sub>	R <sub>m</sub>	A	Test	KV	KV	Hardness	Radiographic test	Comment
	Temperature	Yield Strength	Tensile Strength	Elong.	Temperature	Impact Strength	Average			
	°C	N / mm <sup>2</sup>	N / mm <sup>2</sup>	%L <sub>0</sub> =5d <sub>0</sub>	°C	J	J	HB	-	
AWS	20	-	-	-	-	-	-	135-218	-	
TS/EN/ISO	20	-	-	-	-	-	-	-	-	
	20	-	-	-	-	-	-	-170	-	



Quality Department