

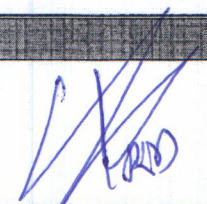
## Product Certificate

General Information		
Customer : <b>نورد و لوله قائم</b>	Date : 1401/11/18	Cert. No. : 1401 - 1416

Product Information		
Consumables	Classification	Welding Method
Flux : <b>KJF - 610</b>	EN 760 : <b>S A AB 1 68 AC</b>	SAW <input checked="" type="checkbox"/> FIFO <input type="checkbox"/>
Wire : <b>KJS - 120</b>	EN 756 : <b>S2</b>	GMAW <input type="checkbox"/> FCAW <input type="checkbox"/>
		SMAW <input type="checkbox"/> GTAW <input type="checkbox"/>
Flux	Product No. : <b>811270761</b>	
Wire	Diameter : <b>4.0 mm</b>	Product No.: ---

Chemical Composition %						
Wire Chemical Composition %						
Heat No.	C	Si	Mn	S	P	Cu
120245	0.09	0.08	0.89	0.01	0.02	0.10
All Weld Metal Chemical Composition %						
C	Si	Mn	S	P	Cu	
0.05	0.31	1.55	0.02	0.01	0.05	

Mechanical Properties for All Weld Metal				
Tension Test				
Condition	Test Temp . ( ° C )	U . T . S . ( N / mm <sup>2</sup> )	Y . S . ( N / mm <sup>2</sup> )	EL %
As welded	R.T.	537	451	28
Charpy V - Notch Impact Test				
Test Temp . ( ° C )	No.1	No.2	No.3	Average ( joules )
-30	66	63	56	61.6

Additional information


Contact Us	IPQC Supervisor	Quality Control Manager
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