

# Test Report

Product	<b>BASIC 7018</b>	Customer ref.
Size(s) mm	<b>2,5 x 350</b>	Our ref.
Item No.	<b>588655</b>	Quantity
Lot/Batch	<b>P1SE15067A</b>	Customer

Product Line **Electrodes**

Classification **AWS 5.1: E 7018**  
**ISO 2560-A: E 42 4 B 42 H5**

Chemical analysis (%)										According to EN10204:2004		2.2
C	Si	Mn	P	S	Cr	Ni	Mo	Nb	Cu	V		
<b>0,06</b>	<b>0,33</b>	<b>1,07</b>	<b>0,020</b>	<b>0,010</b>	<b>0,04</b>	<b>0,05</b>	<b>0,00</b>	<b>0,00</b>	<b>0,06</b>	<b>0,01</b>		

Mechanical tests, all weld metal					Impact testing					According to EN10204:2004		2.2
Tensile testing												
Conditions	Temp.	Re	Rm	A5	Conditions	Temp.1	Av1	Temp.2	Av2			
	°C	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%		°C	J	°C	J			
<b>AW</b>	<b>RT</b>	<b>508</b>	<b>582</b>	<b>29</b>	<b>AW</b>	<b>-40</b>	<b>134</b>	<b>-30</b>	<b>169</b>			

Additional information		According to EN10204:2004		2.2
Other tests				
Diffusible Hydrogen		HDM before packing		
<b>3,6</b>		<b>ml/100g</b>		

## Remarks

This certificate is generated electronically, and is valid without signature

The product identified above has been manufactured, tested and supplied in compliance with a certified ISO 9001 Quality Assurance Programme.  
It should be noted that the mechanical properties of all weld metal specimens could vary from those obtained in production joints because of differences in welding procedures.

Company  
**LINCOLN ELECTRIC BESTER**

Printed by  
**c. Mylincoln.**

Function  
**Mylincoln**

Date  
**--/--**

Cert.No.  
**Mylincoln**

Registered Office  
SP.Z O.O.  
ul. Jana III Sobieskiego 19a  
58-263 Bielawa, DOLN  
Polska/Poland

# Test Report

Product	<b>BASIC 7018</b>	Customer ref.
Size(s) mm	<b>3,2 x 450</b>	Our ref.
Item No.	<b>588657</b>	Quantity
Lot/Batch	<b>P1SE15A030</b>	Customer

Product Line **Electrodes**

Classification **AWS 5.1: E 7018**  
**ISO 2560-A: E 42 4 B 42 H5**

Chemical analysis (%)										According to EN10204:2004		2.2
C	Si	Mn	P	S	Cr	Ni	Mo	Nb	Cu	V		
<b>0,06</b>	<b>0,32</b>	<b>1,04</b>	<b>0,020</b>	<b>0,010</b>	<b>0,05</b>	<b>0,05</b>	<b>0,00</b>	<b>0,00</b>	<b>0,05</b>	<b>0,01</b>		

Mechanical tests, all weld metal					Impact testing					According to EN10204:2004		2.2
Tensile testing												
Conditions	Temp.	Re	Rm	A5	Conditions	Temp.1	Av1	Temp.2	Av2			
	°C	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%		°C	J	°C	J			
<b>AW</b>	<b>RT</b>	<b>508</b>	<b>582</b>	<b>29</b>	<b>AW</b>	<b>-40</b>	<b>134</b>	<b>-30</b>	<b>169</b>			

Additional information		According to EN10204:2004		2.2
Other tests				
Diffusible Hydrogen		HDM before packing		
<b>3,6</b>		<b>ml/100g</b>		

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# Test Report

Product	<b>BASIC 7018</b>	Customer ref.
Size(s) mm	<b>4,0 x 450</b>	Our ref.
Item No.	<b>588659</b>	Quantity
Lot/Batch	<b>P1SE14A359</b>	Customer

Product Line **Electrodes**

Classification **AWS 5.1: E 7018**  
**ISO 2560-A: E 42 4 B 42 H5**

Chemical analysis (%)										According to EN10204:2004		2.2
C	Si	Mn	P	S	Cr	Ni	Mo	Nb	Cu	V		
<b>0,06</b>	<b>0,32</b>	<b>1,04</b>	<b>0,020</b>	<b>0,010</b>	<b>0,05</b>	<b>0,05</b>	<b>0,00</b>	<b>0,00</b>	<b>0,05</b>	<b>0,01</b>		

Mechanical tests, all weld metal					Impact testing					According to EN10204:2004		2.2
Tensile testing												
Conditions	Temp.	Re	Rm	A5	Conditions	Temp.1	Av1	Temp.2	Av2			
	°C	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%		°C	J	°C	J			
<b>AW</b>	<b>RT</b>	<b>508</b>	<b>582</b>	<b>29</b>	<b>AW</b>	<b>-40</b>	<b>134</b>	<b>-30</b>	<b>169</b>			

Additional information		According to EN10204:2004		2.2
Other tests				
Diffusible Hydrogen		HDM before packing		
<b>3,6</b>		<b>ml/100g</b>		

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