



ESAB Spółka z o.o.

## INSPECTION CERTIFICATE

According to EN 10204 - 3.1

No. 047/2022/QA

WELDING CONSUMABLES-QUALITY ASSURANCE  
KATOWICE-POLAND

Date  
**02.08.2022**

Our ref.  
Piotr Grela\_QA

Your ref.  
**POL/3.1/50-22**

Our order  
**ST047/2022**

To

**NPCC**

### PRODUCT INFORMATION

*Electrodes manufactured in Sweden*

FILARC 88S	diam.3,2 mm	SBW1011123	Art.No. 77693239G3
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X-RAY SOUNDNESS: OK.

### CHEMICAL COMPOSITION OF THE WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni	Nb	Cu	Mo	V
0,07	0,29	1,71	0,013	0,004	<0,1	0,90	<0,01	0,02	<0,01	0,01

### MECHANICAL PROPERTIES OF THE WELD METAL as welded

R <sub>P0.2</sub> [Mpa]	R <sub>el</sub> [Mpa]	R <sub>eh</sub> [Mpa]	R <sub>m</sub> [Mpa]	A5 [%]	Temp [°C]	CVA [Joule]
552			632	25,3	-60	86,90,90,89,92 Avg= 89
Hardness HV10:199,215,216,212,201						

**Diff. Hydrogen of the weld metal: 3,8 [ml/100g]**

**Moisture content of coating: 0,2%**

### REFERENCES

Product Data Sheet: EN007360  
Reg. No.: ST047/2022

### CLASSIFICATIONS

SFA/AWS A5.5: E8016-G  
EN ISO 2560-A: E 50 6 Mn1Ni B 12 H5

Tested as per Schedule K

**ESAB Sp. z o.o.**

Quality Assurance Department  
*Piotr Grela* QA Manager

ESAB Sp. z o.o.  
Quality Assurance Manager

*Piotr Grela*