



Issued Date: 2023-09-22

Certificate number: EC27282260 rev. 0

Our order:
Our reference:
Customer number: NA
Customer order date:

Your order:
Your reference:
Your fax number:
Your e-mail:

Invoice address
ESAB Group UK Ltd

Receiver of certificate

Delivery address

DELIVERY Lot number: PVX2910996 Quantity:

PRODUCT

Brand: Filarc
Description: FILARC PZ6500 3.2x1000mm 5kg
Item number: 203632R150
Heat number: 30077

CHEMICAL ANALYSIS

Actual results: acc to EN 10204 - 3.1

Wire/strip	
C	0.06%
Si	0.91%
Mn	1.42%
P	0.014%
S	0.016%
Cr	0.1%
Ni	0.1%
Mo	< 0.1%
Cu	0.06%
V	< 0.01%

CLASSIFICATIONS

EN ISO 636-A: W 3Si1
EN ISO 636-A: W 42 3 3Si1
SFA/AWS A5.18: ER70S-6

MECHANICAL PROPERTIES

Typical data: acc to EN 10204 – 2.2

Tensile

Standard	Shielding Gas	ReL [MPa/ksi]	Rm [MPa/ksi]	A4-A5 [%]
EN	I1	470/68	560/81	26

Impact

Standard	Shielding Gas	Temp [°C/°F]	KV[J/ft-lb]
EN	I1	-30/-22	70/52

A4, A5 = Elongation
ReH = Upper Yield Point
ReL = Lower Yield Point
Rm = Ultimate Tensile Strength (UTS)
Rp0.2 = Yield Strength 0.2 offset
Rp1.0 = Yield Strength 1.0 offset

COMMENTS

Product supplied under a QA Programme fulfilling the EN ISO 9001 standard.
This certificate is produced electronically.
Please refer any queries to:
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Validation

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