



INSPECTION CERTIFICATE NO. 162160R

According to EN 10204 - 3.1

Date

29-Dec-2019

Our ref

Test #AE190956

Our order

Your ref

Your order

To

PRODUCT INFORMATION

OK Autrod NiCrMo-3 2.4 mm	Lot PVT460QZ644L	Item 1984243110
OK Flux 10.90	Lot PVT40801	Item 1090000000

CHEMICAL COMPOSITION (%)

Wire	C	Si	Mn	P	S	Cr	Ni	Mo	Nb	Fe	Al	Cu	Ta	Nb+Ta
PVT460QZ644L	0.002	0.04	0.03	0.001	0.001	21.9	64.8	8.7	3.65	0.3	0.14	0	0.03	3.68
Flux	Al2O3+MnO					SiO2 +TiO2							CaF2	
PVT40801	46					7							43	

MECHANICAL PROPERTIES OF THE WELD METAL (As Weld)

R _{p0.2} (Mpa)	R _m (MPa)	El (%)	Temp (°C)	Impact toughness				Avg		
479	726	35	-50 °C	Energy (J)	64	74	64	67		
				Lateral expansion in mm				0.71	0.89	0.65

Hardness Hv10 240

Tested as per Schedule K

Comment - This material meets requirements of ASTM G48 Method A @ 50°C-24 Hr, with corrosion rate below 4g/m2 and no pitting

REFERENCES

Data sheet Reg No. EN006550

Test D904423

Report no. 21586

CLASSIFICATIONS Wire Electrode

EN ISO 18274: S Ni 6625 (NiCr22Mo9Nb)

SFA/AWS A5.14: ERNiCrMo-3

ESAB MIDDLE EAST FZE

TECHNICAL DEPARTMENT

RAJESH BABU Quality & Product Specialist



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