



According to EN 10204 - 3.1 for Mechanical and Chemical

Our ref
Test # AE220551Date
27-Oct-2022

To

PRODUCT INFORMATION

OK Autrod 316LSi 1.2mm 15kg	Lot: PVW3511453	Art No.	1632129820
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CHEMICAL - WIRE COMPOSITION (%)

C(%)	Cr(%)	Ni(%)	Mo(%)	Mn(%)	Si(%)	P(%)	S(%)	Cu(%)
0.01	18.35	12.1	2.6	1.53	0.79	0.019	0.015	0.04

MECHANICAL PROPERTIES OF THE WELD METAL As Welded

Rp0.2 (Mpa)	Rm (MPa)	El (%)	Temp (°C)	Impact toughness				
447	596	39	-196	Energy (J)	38	42	44	Avg 41
				Lateral Expansion (mm)			0.52	0.51 0.57

Notes:

Tested as per Schedule K
FN WRC - 7

Lot Class: S3

REFERENCES

Data Sheet: Reg No. EN010004
Report No: D912690

CLASSIFICATIONS

AWS/ASME SFA A5.9: ER316LSi

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