

LNT NiMo1

CLASSIFICATION

AWS A5.28	ER1005-G	A-Nr	2
ISO 16834-A	W Mn3Ni1Mo	F-Nr	-
		9606 FM	2

GENERAL DESCRIPTION

Alloy TIG rod suitable for welding high tensile strength steels
Excellent mechanical properties

SHIELDING GASES (ACC. ISO 14175)

It Inert gas Ar (100%)

CHEMICAL COMPOSITION (W%) TYPICAL WIRE

C	Mn	Si	Ni	Mo	Ti
0.08	1.7	0.7	0.9	0.35	0.17

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition	Yield strength (N/mm²)	Tensile strength (N/mm²)	Elongation (%)
Typical values	It	AW	760	800	18

EXAMPLES OF MATERIALS TO BE WELDED

Steel grades	Standard	Type
Pipe material	EN 10208-2	L480, L550
API 5LX	X65, X70, X80	
Fine grained steels	EN 10025 part 6	S460, S500, S550, S620

PACKAGING AND AVAILABLE SIZES

Diameter (mm)	2.0	2.4
5 kg PE-Tube	X	X

LNT NiMo1 : rev. C-EN03-01/02/16

All information in this data sheet is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.eu for any updated information.
Fumes: Safety Data Sheets (SDS) are available on our website.