P2000

TOP FEATURES

- Excellent slag detachability
- Recommended for duplex and stabilized grades
- Moisture resistant packaging

CLASSIFICATION

Flux	EN ISO 14174: S A AF2 5643 DC H5	
Wire	**EN ISO 14343-A**	**AWS A5.9/A5.9M**
LNS 304L	S 19 9 L	ER308L
LNS 309L	S 23 12 L	ER309L
LNS 316L	S 19 12 3 L	ER316L
LNS 4462	S 22 9 3 N L	ER2209
LNS 318	S 19 12 3 Nb	ER318
LNS 347	S 19 9 Nb	ER347
LNS Zeron® 100X	S 25 9 4 N L	ER2594
LNS 4455	S 20 16 3 Mn L	ER316LMn
LNS 4500	S 20 25 5 Cu L	ER385
LNS 304H	S 19 9 H	ER308H
LNS 307	S 18 8 Mn	ER307*
Wire	**EN ISO 18274**	**AWS A5.14/ A5.14M**
LNS NiCro 60/20	S Ni 6625	ERNiCrMo-3
LNS NiCroMo 60/16	S Ni 6276	ERNiCrMo-4
LNS NiCro 70/19	S Ni 6082	ERNiCr-3

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

Wire grade	C	Mn	Si	Cr	Ni	Mo	N	Nb	Cu	W	FN
LNS 304L	0.015	1.5	0.5	19	10						08-10
LNS 309L	0.015	1.5	0.5	23	13						10-20
LNS 316L	0.015	1.5	0.5	18	12	2.5					08-10
LNS 4462	0.015	1.5	0.5	22	8	3.0	0.1				40-60
LNS 318	0.04	1.5	0.5	19	11	2.5		0.5			08-10
LNS 347	0.03	1.4	0.5	19	10			0.6			08-10
LNS Zeron® 100X	0.03	0.6	0.5	25	9.5	3.6	0.2		0.7	0.6	30-60
LNS NiCro 60/20	0.006	0.1	0.4	21.5	64.5	8.7		3.8			
LNS 4455	0.025	6	0.5	18.5	15	2.6	0.15				
LNS 4500	0.03	1.5	0.6	19	25	4.1			1.2		

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Wire grade	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)			
					20°C	-20°C	-40°C	-196°C
LNS 304L	AW	380	550	35		80		
LNS 309L	AW	425	580	33			80	
LNS 316L	AW	425	560	33				50
LNS 4462	AW	550	800	27			50	
LNS Zeron® 100X	AW	670	880	21		70	45	
LNS NiCro 60/20	AW	520	780	40				100
LNS 347	AW	470	620	30	90			35
LNS 4455	AW	360	640	30				

* AW = As welded

FLUX CHARACTERISTICS

Current type	DC+/-
Basicity (Boniszewski)	1.6
Solidification speed	High
Density (kg/dm³)	1.2
Grain size (ISO 14174)	2 -20

PACKAGING AND AVAILABLE SIZES

Packaging	Weight (kg)	Item number
SRB BAG	25.0	FXP2000-25SRB

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:

Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.