

DATA SHEET NICKEL FOAM

Designation	Ni-0610	Ni-1116	Ni-1723	Ni-2733	Ni-4753	Ni-5763
Grade = number of pores/inch	6 ... 10	11 ... 16	17 ... 23	27 ... 33	47 ... 53	57 ... 63
Estimated average pore \varnothing mm	2.3	1.4	0,9	0,6	0,4	0,35
Density average gr/cm ³ (T 3mm & T 1.6mm)	0.3 ... 0.6	0.3 ... 0.6	0.3 ... 0.6	0.3 ... 0.6	0.3 ... 0.6 (0.4 ... 0.7)	0.2 ... 0.4
Relative average density (foam / solid Ni)	5%	5%	4.8 %	4.8 %	4.8 %	4%
Average Porosity (100% - rel. density)	95%	95%	95,2%	95,2%	95,2%	96%
Average Specific Surface m ² /m ³	500	1000	1600	2800	5400	6900
Average Specific Surface Area Density Kg / m ²	0.9	0.45	0,266	0,152	0,079	0,062
Sheet length mm	900	900	900	900	900	900
Sheet width mm	600	600	600	600/500	600/500	500

AVERAGE COMPOSITION	Symbol	Ni
Aluminum	Al	-
Carbon	C	< 0.1%
Chromium	Cr	< 0.1%
Copper	Cu	0.1%
Iron	Fe	0.2%
Molybdenum	Mo	< 0.1%
Manganese	Mn	< 0.1%
Nickel	Ni	99.5%
Phosphor	P	< 0.1%
Zinc	Zn	0.1%