

**DATA SHEET NICKEL-CHROMIUM FOAM**

Designation	<b>NC0610</b>	<b>NC1116</b>	<b>NC1723</b>	<b>NC2733</b>	<b>NC4753</b>
Grade = number of pores / inch ppi	6 ... 10	11 ... 16	17 ... 23	27 ... 33	47 ... 53
Estimated average pore diam. mm	2.3	1.4	0.9	0.6	0.4
Density average gr/cm <sup>3</sup>	0.45 ... 0.9	0.45 ... 0.9	0.45 ... 0.9	0.45 ... 0.9	0.5 ... 1.2
Relative density (average)	7.8%	7.8%	7.8%	7.8%	10%
Porosity (100% - rel. density)	92.2%	92.2%	92.2%	92.2%	90%
Specific Surface m <sup>2</sup> /m <sup>3</sup> (average)	500	1000	1600	2800	5400
Sheet length mm	900	900	900	900	900
Sheet width mm	600	600	600	600/500	600/500

**AVERAGE COMPOSITION**

in the outside surface of a sheet

	Symbol	<b>NC</b>
Aluminum	Al	-
Carbon	C	< 0.1%
Chromium	Cr	15...40 %
Copper	Cu	0.1 ... 0.3%
Iron	Fe	0.5%
Molybdenum	Mo	< 0.1%
Manganese	Mn	< 0.1%
Nickel	Ni	Balance 60 ... 80%
Phosphor	P	< 0.1%
Zinc	Zn	0.1%