

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 (T3 + T1.6) | 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 density (foam / solid Ni) | 5% | 5% | 4.8 % | 4.8 % | 4.8 % | 4% |
| Porosity (100% - rel. density) | 95% | 95% | 95,2% | 95,2% | 95,2% | 96% |
| Specific Surface m ² /m ³ | 500 | 1000 | 1600 | 2800 | 5400 | 6900 |
| 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% |