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# Temperature characteristics chart

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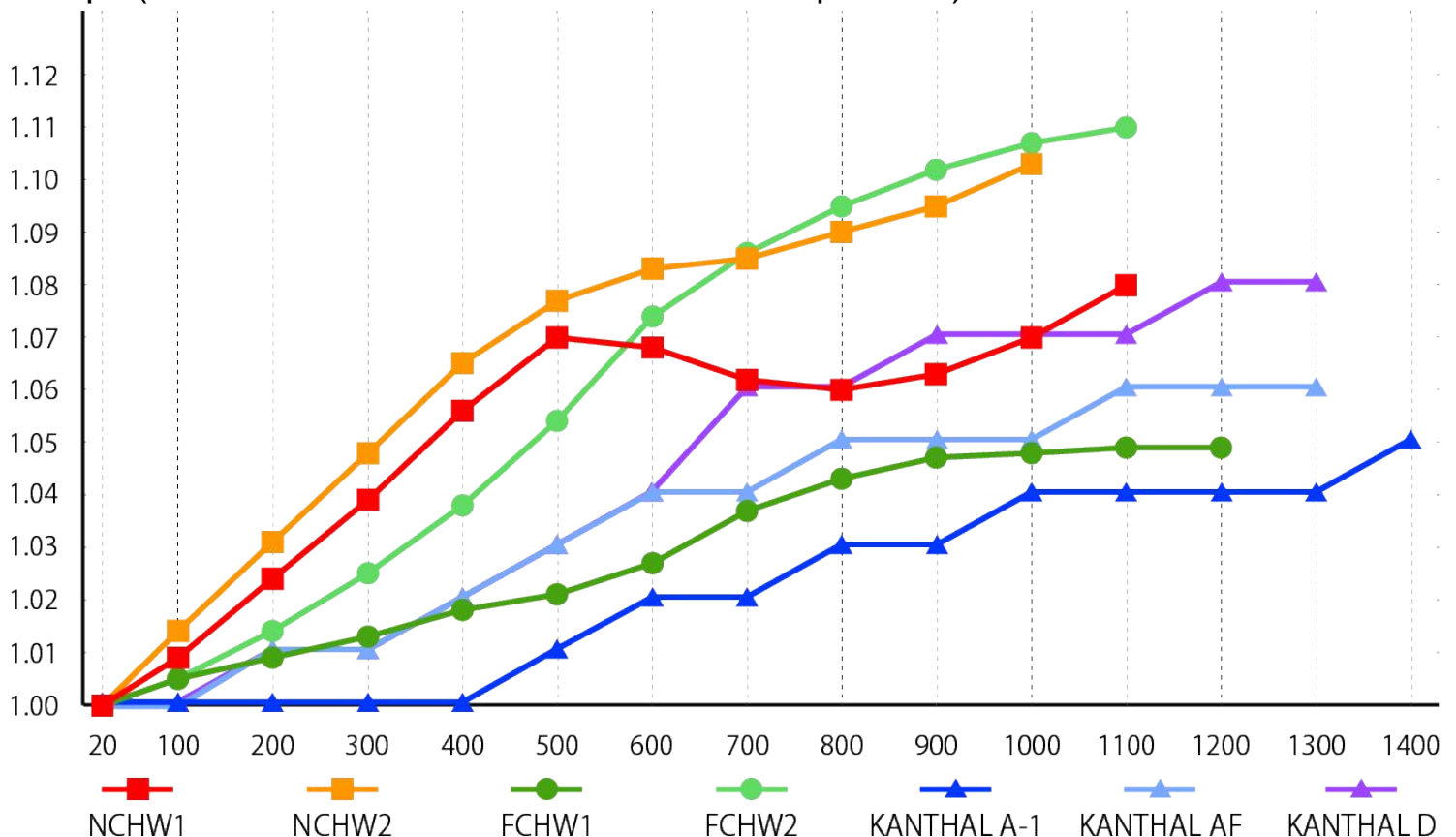
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# Temperature characteristics chart

Coefficient of increase in resistance with temperature (nickel-chromium electric heating wire, iron-chromium resistance wire)

| Temperature (°C) | 20    | 100   | 200   | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NCHW1            | 1.000 | 1.009 | 1.024 | 1.039 | 1.056 | 1.070 | 1.068 | 1.062 | 1.060 | 1.063 | 1.070 | 1.080 | —     | —     | —     |
| NCHW2            | 1.000 | 1.014 | 1.031 | 1.048 | 1.065 | 1.077 | 1.083 | 1.085 | 1.090 | 1.095 | 1.103 | —     | —     | —     | —     |
| FCHW1            | 1.000 | 1.005 | 1.009 | 1.013 | 1.018 | 1.021 | 1.027 | 1.037 | 1.043 | 1.047 | 1.048 | 1.049 | 1.049 | —     | —     |
| FCHW2            | 1.000 | 1.005 | 1.014 | 1.025 | 1.038 | 1.054 | 1.074 | 1.086 | 1.095 | 1.102 | 1.107 | 1.110 | —     | —     | —     |
| Kanthal A-1      | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.010 | 1.020 | 1.030 | 1.030 | 1.030 | 1.040 | 1.040 | 1.040 | 1.040 | 1.050 |
| Kanthal AF       | 1.000 | 1.000 | 1.010 | 1.010 | 1.020 | 1.030 | 1.040 | 1.040 | 1.050 | 1.050 | 1.050 | 1.060 | 1.060 | 1.060 | —     |
| Kanthal D        | 1.000 | 1.000 | 1.010 | 1.010 | 1.020 | 1.030 | 1.040 | 1.060 | 1.060 | 1.070 | 1.070 | 1.070 | 1.080 | 1.080 | —     |

Graph (coefficient of resistance increase with temperature)



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