

15/7B STRIP

DATASHEET

Typical applications for 15/7b include use as resistance strip or as a high expansion component in bimetal thermostats, for example in gas and electric stoves.

CHEMICAL COMPOSITION

	Mn %	Ni %	Fe %
Nominal composition	7	17	Bal.

MECHANICAL PROPERTIES

Hardness, Vickers: 90

PHYSICAL PROPERTIES

Density g/cm ³	8.2
Electrical resistivity at 20°C, Ω mm ² /m	0.76

COEFFICIENT OF THERMAL EXPANSION

Temperature range	Thermal Expansion x 10 ⁻⁶ / K
30 - 130 °C	20.0

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