

## 19-7 带材

### 数据表

Typical applications for 19-7 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 %	Cr %	Fe %
Nominal composition	0.4	19	7	Bal.

#### MECHANICAL PROPERTIES

Hardness, Vickers: 120

#### PHYSICAL PROPERTIES

Density g/cm <sup>3</sup>	8.1
Electrical resistivity at 20°C, Ω mm <sup>2</sup> /m	0.77

#### COEFFICIENT OF THERMAL EXPANSION

Temperature range	Thermal Expansion x 10 <sup>-6</sup> / K
30 - 130 °C	18.8

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