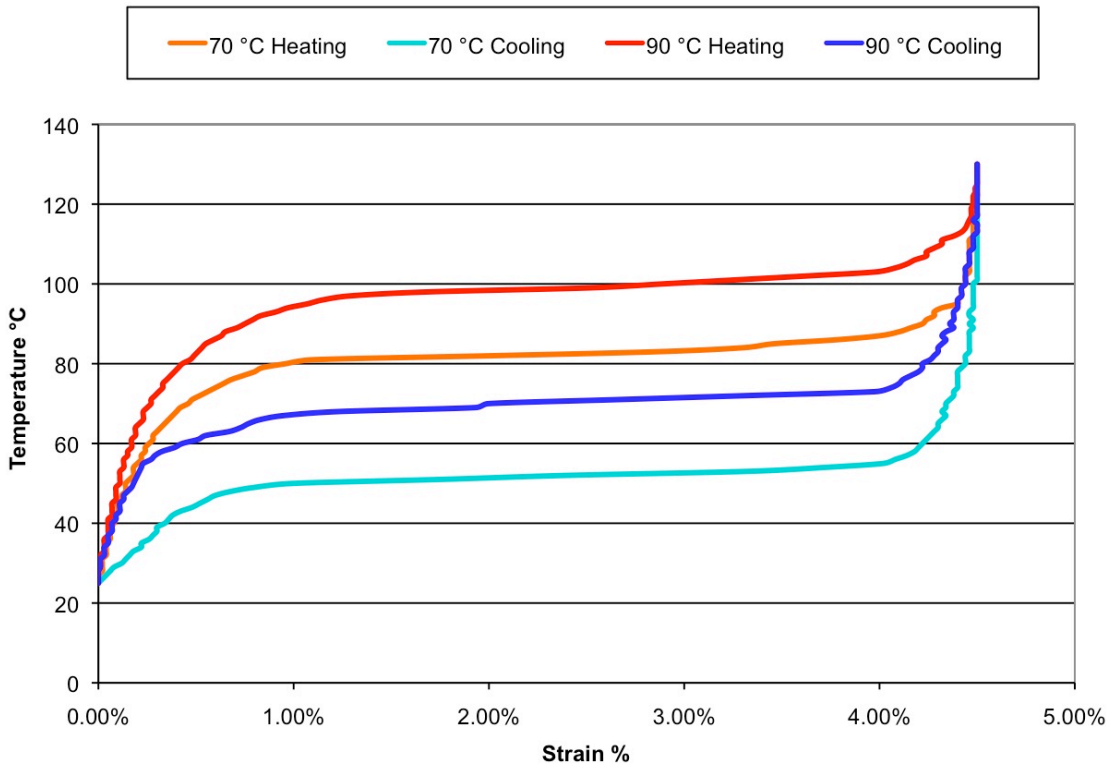
NICKEL - TITANIUM ALLOY PHYSICAL PROPERTIES

1. Density	0.235 lb/in^3 (6.45 g/cm^3)
2. Specific Heat	0.20 BTU/lb * °F (0.2 cal/g * °C))
3. Melting Point	2370 °F (1300 °C)
4. Latent Heat of Transformation	10.4 BTU/lb (5.78 cal/g)
5. Thermal Conductivity	10.4 BTU/hr * ft * °F (0.18 W/cm * °C)
6. Thermal Expansion Coefficient	
Martensite	3.67x10^{-6}/°F (6.6x10^{-6}/°C)
Austenite	6.11x10^{-6}/°F (11.0x 10^{-6}/°C)
7. Poisson Ratio	0.33
8. Electrical Resistivity (approx.)	
Martensite:	32 micro-ohms * in (80 micro-ohms * cm)
Austenite:	39 micro-ohms * in (100 micro-ohms * cm)



Typical Temperature vs. Strain Characteristics for Dynalloy's standard 158°F (70°C) "LT" and 194°F (90°C) "HT" Austenite start temperature alloys, at 172 MPa

1562 Reynolds Avenue, Irvine, California 92614 USA 714-436-1206 714-436-0511 fax http://www.dynalloy.com