

Nominal Composition	Resistivity OHMS-CMF (20°C)	Temperature Coefficient of Resistance		Melting Temp C°	Coefficient of Linear Expansion		Tensile		Specific Gravity	Weight Lbs/In³	Maximum Recommended Operating Temperature		ASTM Specs
		OHMS/ OHMC/C°	Temp Range C°		Coefficient	Temp Range C°	Soft	Hard			°C	°F	
80% Ni, 20% Cr	650	0.00011	20-500	1400	0.000017	10-1000	100	200	8.41	0.304	1180	2150	B344,B267
<b>Nikrothal 80, Chromel A, N8, Nichrome V, NiCr 80, Tophet A Resistohm 80, Cronix 80, Stablohm 650</b>													
60% Ni, 16% Cr, Bal Fe	675	0.00015	20-500	1350	0.000017	20-1000	95	200	8.25	0.298	1010	1850	B344,B267
<b>Nikrothal 60, Chromel C, N6, NiCr 60, Tophet C, Resistohm 60, Cronifer II, Stablohm 675</b>													
35% Ni, 20% Cr, Bal Fe	610	0.00036	20-500	1380	0.0000158	20-500	80	150	7.95	0.287	980	1800	B344,B267
<b>Nikrothal 40, Chromel D, N4, NiCr 40, Tophet D, Resistohm 40, Cronifer III, Stablohm 610</b>													
30% Cr, 1.45% Si, Bal Ni	710	0.00089	25-105	1377	0.000017	30-1000	120	200	8.11	0.293	1260	2300	
<b>Nikrothal 70, Chromel 70/30, N7, NiCr 70, Tophet 30, Resistohm 70, Cronix 70, Stablohm 710</b>													
75% Ni, 20% Cr, + Additions	800	±.00002	-50-105	1400	0.0000133	20-100	100	180	8.11	0.293	316	600	B267
<b>Nikrothal LX, Chromel R, EVANR, Evenohm R, Karma, Moleculoy, 800 Alloy</b>													
72% Ni, Bal Fe	120	0.0044	25-105	1425	0.000015	20-1000	70	140	8.44	0.305	593	1100	B267
<b>Nifethal 70, Kanthal 70, A120, Balco</b>													