

**Alloy overview bercotherm®  
low-temperature applications**

bedra alloy	Conductivity (soft)  (MS / m)	Temp.coeff. of resistance  %/K	Resistivity (soft)  (Ω x mm <sup>2</sup> /m)	Tensile strength (soft)  MPa	Density  kg/dm <sup>3</sup>
bercotherm® C58	58	0.39	0.0172	250	8.9
bercotherm® B0.3	46	0.29	0.0217	290	8.9
bercotherm® M2	44.5	0.28	0.0225	280	8.9
bercotherm® S0.4	41	0.26	0.0244	450	8.9
bercotherm® N1	39.5	0.3	0.0253	290	8.9
bercotherm® M5	34.5	0.23	0.0290	330	8.9
bercotherm® B1	33	0.23	0.0303	350	8.9
bercotherm® M10	25.5	0.19	0.0392	350	8.8
bercotherm® M15	21	0.17	0.0476	400	8.8
bercotherm® N2	20.5	0.13	0.0488	300	8.9
bercotherm® M20	19	0.16	0.0526	450	8.7
bercotherm® M30	16	0.15	0.0625	500	8.5
bercotherm® M33	15.5	0.14	0.0645	500	8.5
bercotherm® M37	15	0.13	0.0667	500	8.4
bercotherm® B2	14	0.1	0.0714	380	8.8
bercotherm® C14	14	0.1	0.0714	500	8.5
bercotherm® A4	10.6	0.07	0.0943	500	8.3
bercotherm® B5	10	0.07	0.100	500	8.8
bercotherm® C10	10	0.09	0.100	500	8.5
bercotherm® N6	10	0.07	0.0980	320	8.9
bercotherm® N3	8.65	0.04	0.1156	330	8.9
bercotherm® A8	8.3	0.06	0.1205	650	7.7
bercotherm® S8	8	0.125	0.1250	320	8.8
bercotherm® B6	7.1	0.065	0.1408	550	8.8
bercotherm® C7	6.67	0.05	0.1389	480	8.45
bercotherm® N10	6.67	0.06	0.1471	350	8.9
bercotherm® B10	6	0.06	0.1667	650	8.8
bercotherm® S10	5.2	0.05	0.1923	530	8.5
bercotherm® C5	5	0.02	0.1961	450	8.4
bercotherm® N15	5	0.035	0.2041	360	8.9
bercotherm® S3	4	0.03	0.2500	520	8.5
bercotherm® C3	3.4	0.01	0.2941	450	8.3
bercotherm® N23	3.4	0.025	0.2941	450	8.9
bercotherm® S7	2.3	~0	0.4348	520	8.4
bercotherm® N44	2	~0	0.5000	500	8.9