

MATERIAL	TEMPERATURE °Celsius	EMISSIVITY %
Alumina	50-500	0.04-0.06
	20-50	0.06-0.07
	50-500	0.2-0.3
	25	0.022
	100	0.028
	500	0.06
	200	0.11
	600	0.19
Asbestos	20	0.96
Bismut	25	0.048
Brass	200	0.61
	200	0.61
	600	0.59
	25	0.035
	100	0.035
	200	0.03
	20	0.06
Bronze	50	0.1
Carbon wire	1000-1400	0.53
Graphite	0-3600	0.7-0.8
Graphite	0-3600	0.97
Lampblack	20-400	0.96
	50-1000	0.96
Chromium	50	0.1
	500-1000	0.28-0.38
Cobalt	500	0.13
	1000	0.23
Copper	100	0.26
	200	0.18
	600	0.19
	20	0.07
	50	0.6-0.7
	500	0.88
	50-100	0.02
	100	0.02
	clean, liquid	0.15
Brick	1000	0.75
Glass	20-100	0.94-0.91
Gold	200-600	0.02-0.03
Graphit	100	0.02
Gips	0-3600	0.7-0.8
Iron	20	0.93
	200	0.64
	600	0.78
	40	0.95
	250	0.95
	100	0.21
	clean, liquid	0.29
	oxidized	0.74
	25	0.65
	100	0.05
Steel	25	0.94
Lampblack	20-400	0.96
Lead	200	0.05
Mercury	200	0.63
	25	0.1

MATERIAL	TEMPERATURE	EMISSIVITY
Molybdenium	100	0.12
	600-1000	0.08-0.13
Monel Metal	1500-2200	0.19-0.26
	200	0.43
Nichrome wire	600	0.43
	50	0.65
Nickel polished	500-1000	0.71-0.79
	200-400	0.07-0.09
	200-600	0.37-0.48
	25	0.045
	100	0.06
	500	0.12
	1000	0.19
Platin	200-600	0.05-0.1
	25	0.037
	100	0.047
	500	0.096
	1000	0.152
	1500	0.191
Platin wire	50-200	0.06-0.07
	500-1000	0.1-0.16
	1400	0.18
Ceramic	glazed	0.92
Rubber	hard	0.95
	soft	0.86
Silicium	1000	0.8
Silver	clean polished	0.02-0.03
	not oxidized	0.02
	100	0.035
	500	0.94-0.91
Lampblack	on solid surface	0.35
Steel alloy (8%Ni, 18%Cr)	50-500	0.79
	aluminized	0.11
	dull, nickeled	0.95-0.98
	flat, rough surface	0.52-0.56
	cast	0.56
	sheet	0.55-0.61
	950-1100	0.8
	200-600	0.88
	50	0.98
	500	0.08
	100	0.28
Tantal	clean, liquid	0.21
	clean	0.26
	1500	0.024
	2000	0.032
	25	0.071
	100	0.15
	500	0.23
	1000	0.28
	1500	0.80-0.95
	2000	0.96-0.98
Laquer	dull	0.04-0.05
	dull, black	0.05
	polished	0.05
Zinc	200-300	0.05
	300	0.05