

MATERIAL EMISSIVITIES

MATERIAL	SPEC. HEAT BTU/LB.-°F	EMISSIVITY POLISHED SURFACE	MEDIUM OXIDE	HEAVY OXIDE
Perfect Blackbody		—	0.75	1.00
Aluminum	0.24	0.09	0.11	0.22
Brass	0.10	0.04	0.35	0.60
Copper	0.10	0.04	0.30	0.65
Incoloy 800	0.12	0.20	0.60	0.92
Inconel 600	0.11	0.20	0.60	0.92
Iron, Cast	0.12	—	0.80	0.85
Lead	0.03	—	0.28	—
Steel, Mild	0.12	0.10	0.75	0.85
Steel, 304	0.11	0.17	0.57	0.85
Zinc	0.10	—	0.25	—