

Casting Temperatures

Alloy Name	Density	Ingredients	Melting Point °C	Casting Temperature °C	Flask °C	Flask °F
10 Kt Vanilla White	11.3	Au, Cu, Ni, Zn, Si	1070	1150	540-570	1000-1060
14 Kt Regal Yellow	13.5	Au, Cu, Ag, Zn, Ir	850	920	480-510	900-950
14 Kt Vanilla White	13.1	Au, Cu, Ni, Zn, Si	1010	1080	510-540	950-1000
14 Kt Ultra White	12.8	Au, Cu, Ni, Zn, Ir	1015	1085	510-540	950-1000
14 Kt Palladium White	14.7	Au, Pd, Ag, Ga, Ir	990	1200	640-690	1200-1300
14 Kt Green	13.9	Au, Cu, Ag, Zn, Ir	940	1010	480-510	900-950
14 Kt Russian Red	13.6	Au, Cu, Zn, Ir	945	1015	480-510	900-950
18 Kt Yellow	15.6	Au, Cu, Ag, Zn, Ir	915	990	480-510	900-950
18 Kt Regal Yellow	15.3	Au, Ag, Cu, Zn, Ir	905	975	480-510	900-950
18 Kt Ultra White	14.4	Au, Ni, Cu, Zn, Ir	950	1020	480-510	900-950
18 Kt Vanilla White	14.4	Au, Ni, Cu, Zn, Ir	950	1030	500-520	930-970
18 Kt TradVan White	14.6	Au, Ni, Cu, Zn, Ir	940	1020	480-510	900-950
18 Kt Palladium <small>(Nickel-Free)</small>	16.4	Au, Pd, Ag, Ir	1080	1250	690-750	1300-1400
18 Kt Green	16.0	Au, Ag, Cu, Zn, Ir	975	1050	480-510	900-950
18 Kt Russian Red	15.0	Au, Cu, Zn, Ir	930	1010	480-510	900-950
18 Kt Blue <small>(Inlay)</small>		Au, Fe, Ir	1150	1250	Pt Investment Recommended	Pt Investment Recommended
18 Kt Black <small>(Inlay)</small>		Au, Co, Ir	1185	1285	Pt Investment Recommended	Pt Investment Recommended
19 Kt White	14.7	Au, Ni, Zn	940	1020	480-510	900-950
22 Kt Yellow	18.0	Au, Ag, Cu, Zn, Ir	1015	1090	510-540	950-1000
95 PD/5 RU	12.1	Pd, Ru	1150-1630	1700	Pt Investment Recommended 870-950	Pt Investment Recommended 1598-1742
90.2 PT/9.8 IR	21.5	Pt, Ir	1800	1950	750-860	1400-1600
95.2 PT/4.8 IR	21.4	Pt, Ir	1790	1940	750-860	1400-1600
95.2 PT/4.8 RU	20.6	Pt, Ru	1795	1945	750-860	1400-1600
95.2 PT/4.8 CO	20.8	Pt, Co	1765	1915	750-860	1400-1600