

Materials List					
Company	Name of Product	g/pkg	Composition	Porcelain fused to metal	Melting Range
	ALLOY		Au Ag Pd Pt Cu		
SUPERBOND	Non-Precious ceramic alloy	1,000.00	Ni-61% Cr-25% Mo-10.5% Si-1.5%	Non-Precious	1301-1364°C
DFS	Non-Precious ceramic alloy		Co-61% Cr-24% W-8% MO-2.5% NB-1% Mn-1% Si-1% Fe-1%	Non-Precious / Full Non-	
Pentron	PenCeram P54B	31.10	Pd-53.3% Ag-37.5% Tin-8.5% Balance:In,Ru	Semi-Precious	1165-1240°C (2130-2265°F)
Pentron	PenCeram 52	31.10	Au-52% Pd-30% Ag-14% In-3%	Precious 52%	1204-1260°C (2200-2300°F)
Pentron	PenCeram 75YA	31.10	Au-75% Ag-10% Pd-13% Balance:In,Sn,Ir	Gold 75%	1177-1232°C (2150-2250°F)
PENTRON	RXG UNIVERSAL	31.10	Au-86% Pt-10% Pd-2% Balance;In,Ir	Gold 86%	1070-1190°C (1958-2174°F)
Captek	Captek	-	P & G - Posterior	Captek	
	α- Alloy	1,000.00	Ni-89.0% Cr-8.0% .other-3.0%	Full Non-Precious Crown	1260°C-1280°C
Ivoclar Vivadent	WLW	25.00	Pd-25.0% Ag-71.0% In-4.0% other-Li<1.0%	Full Semi-Precious Crown	1045-1130°C (1915-2070°F)
Pentron	PenCast 40Y	31.10	Au-40% Ag-47% Pd-4% Cu-8.0% Balance:Ir, In	Full Gold Crown - 40%	816-940°C (1500-1724°F)
Pentron	PenCast 50Y	31.10	Au- 50% Ag-35% Cu-10% Pd-4% Blance: Zn, Ir	Full Gold Crown -50%	860-960°C (1580-1760°F)
Pentron	PenCast 61Y	31.10	Au-61% Ag-27.5% Cu- 9.5% Pd- 1% Blance- Zn, Ir	Full Gold Crown - 61%	916-968°C (1680-1775°F)
Bego	Wironium Plus		Co-62.5% Cr-29.53% Mo-5% Si-1% Mn-0.5% Fe-0.5% Ta-0.5% N-0.3%	Framework	1260-1395°C
DENSPLY	VITALLIUM 2000		Co-63.4% Cr-29% Mo-5.2% Mn,Si,C,N,Fe,W<1.0%	Framework	1300-1370°C (2375-2500°F)
PORCELAIN					
Ivoclar Vivadent	Classic		For PFM		
Dentsply	Ceramco 3		For PFM		
Vita	VM7		For Wol-ceram and Procera Alumina		
Ivoclar Vivadent	IPS Empress Esthetic Veneer		For Porcelain Veneer / inlay / onlay / crown		
Ivoclar Vivadent	IPS Empress E-max Ceram		For Porcelain Bridge/ Ziconia		
Ivoclar Vivadent	Adoro		For Skulpture/Fibrekor		
DENTURE RESIN					
Valplast	Valplast Resin		For flexible denture		
Vertex	Vertex Dental Acrylic		Partial Denture		
Dentsply	Luciton 199		Partial Denture		
	Luciton FRS		Partial Denture		
RESIN TEETH					
Ivoclar Vivadent	Ivostar (Ant)		Three layers		
	Gnathostar (Post)		Three layers		
	Vivodent PE (Ant)		Five layers		
	Othotyp PE (Post)		Five layers		
WAX					
Whip Mix corporation	Whip Mix		Wax Pattern (Diagnotic)		
Dental Stone					
San-Esu Gypsum	SSS New Gypstone (White)		For base model		
BK	Gildont		For base model		
BK	Gilplast		For Master model		