

	General Purpose	Tiles	Throwing	Handbuilding	Slabbing	General Domestic	Large Domestic	Slip Casting	Firing Range °C	Product Code	Typical Approximate Analysis											
											SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MnO	P ₂ O ₅	CaO	MgO	K ₂ O	Na ₂ O	L.O.I.	
St Thomas Clays																						
Oxidising St Thomas PB	✓	✓	✓	✓	✓	✓	✓	✓	1150-1280	150-1102	62.3	0.9	23.8	2.2			0.5	0.5	1.2	0.6	8.01	
Reduction St Thomas PB	✓	✓	✓	✓	✓	✓	✓	✓	1150-1275	150-1104	62	1	22.7	2.3			1.1	0.4	1.2	1	8.4	
White St Thomas	✓	✓	✓	✓	✓	✓	✓	✓	1160-1300	150-1106	58	0.9	30	1			0.3	0.3	1.2	0.6	7.8	
White St Thomas PB	✓	✓	✓	✓	✓	✓	✓	✓	1160-1300	150-1506	61.5	0.5	24.8	0.8			2.2	0.2	1.8	0.4	7.8	
General Stoneware																						
Buff Stoneware	✓		✓			✓	✓	✓	1150-1290	151-1117	58.2	1.3	26.6	1.8			0.2	0.9	2.2	0.1	8.7	
Buff School Clay	✓		✓			✓	✓	✓	1100-1290	151-1120	65.2	1.2	20.8	1.5			0.7	0.3	1.8	0.7	7.9	
Sanded Buff	✓		✓	✓	✓	✓	✓	✓	1100-1290	151-1124	65.8	0.8	21	1.4			0.6	0.3	1.7	0.7	9	
New Lavafleck PB	✓		✓			✓	✓	✓	1200-1270	151-1514	63	1.3	22.4	1.7			0.4	0.3	1.8	0.7	7.8	
Coloured Earthenware																						
New Keuper Red	✓		✓			✓	✓	✓	1080-1250	159-1131	58.4	0.2	20.4	8.6			0.7	0.3	0.8	0.9	10.7	
Keuper Sanded Red	✓	✓	✓			✓	✓	✓	1080-1250	159-3140	58.8	0.2	20.2	8.5			0.7	0.3	0.8	0.9	10.6	
Grogged Red	✓	✓		✓	✓	✓	✓	✓	1050-1200	159-1134	56.9	0.8	20.6	8.8			0.8	0.2	1.2	1.2	9.4	
Original Red S/E	✓		✓			✓	✓	✓	1050-1170	159-1135	58.1	0.8	18.5	9.1	0.1		0.8	0.2	0.9	1.2	11.3	
Red Earthenware Terracotta	✓		✓			✓	✓	✓	1040-1170	159-1137	58.5		16.4	9.7			0.7	0.2	0.1	1	12.5	
Sanded Red	✓	✓	✓			✓	✓	✓	1040-1170	159-3730	58.4		17.1	9.4			0.7	0.2	0.1	1	12.5	
Chocolate Black PB	✓		✓	✓		✓	✓	✓	1040-1120	159-2130	54.8	0.8	17.2	8.8	5.2		0.8	0.2	1.2	0.9	10.2	
Smooth Throwing Stoneware																						
Flecked Stoneware	✓		✓			✓	✓	✓	1150-1290	152-1109	62.4	1.4	24.4	1.3			0.3	0.3	1.8	0.6	7.6	
Flecked Stoneware PB	✓		✓			✓	✓	✓	1150-1290	152-2109	61.5	0.5	24.8	1.3			2.2	0.2	1.8	0.4	8	
Stoneware Body	✓		✓			✓	✓	✓	1160-1290	152-1110E	62.4	1.3	24.5	1.2			0.2	0.3	1.6	0.6	7.6	
Stoneware Body PB	✓		✓			✓	✓	✓	1160-1290	152-2110	61.5	0.5	24.8	1.1			2.2	0.2	1.8	0.4	8	
Crank Clays																						
Ivanhoe	✓		✓	✓	✓	✓	✓	✓	1130-1270	153-1112	62	1.3	26	2.8			0.5	0.2	1.4	0.7	5.1	
Craft Crank	✓		✓	✓	✓	✓	✓	✓	1170-1300	153-1114	61.3	0.9	26.3	2.8			0.4	0.3	1.4	0.6	5.8	
Craft Crank PB	✓		✓	✓	✓	✓	✓	✓	1170-1300	153-2114	61.3	0.8	26.3	2.9			0.3	0.4	1.4	0.6	5.6	
Premium Craft Crank	✓		✓	✓	✓	✓	✓	✓	1170-1300	153-3114	62.3	0.7	26.5	2.9			0.3	0.3	1.4	0.6	5.5	
Sculpture Crank	✓		✓	✓	✓	✓	✓	✓	1170-1300	153-7070	61.3	0.9	26.3	2.8			0.4	0.3	1.4	0.6	5.8	
Grogged Pink	✓		✓	✓	✓	✓	✓	✓	1120-1270	153-1127	60	0.9	23.2	5.4			0.6	0.3	0.7	0.8	9.6	
Industrial Crank	✓		✓	✓	✓	✓	✓	✓	1210-1300	153-1153	60.6	0.9	26.5	2.8			0.4	0.3	1.2	0.8	6.4	
Raku																						
Original Raku PB	✓		✓	✓					900-1300	154-1154	55	1	28.6	2.5			0.6	0.9	2.3	0.2	6.5	
Coarse Raku	✓		✓	✓					900-1300	154-1156	56	0.9	28.6	2.5			0.6	0.9	2.3	0.2	6.5	
Smooth Raku	✓		✓	✓					900-1300	154-1159	55	1	28.6	2.5			0.5	0.9	2.3	0.2	6.5	
Tandoori (1000kgs units)	✓		✓	✓					900-1300	154-0131	57	0.8	28	2.2			0.8	0.7	2.3	0.2	6.5	
White Grogged Clay																						
White Crank	✓		✓	✓	✓	✓	✓	✓	1220-1300	156-0630	56.4	0.5	32.3	0.7			0.3	0.3	1.2	0.6	7.7	
T Material	✓		✓	✓	✓	✓	✓	✓	1200-1300	156-1161	Formula not Disclosed											
Y Material	✓		✓	✓	✓	✓	✓	✓	1200-1300	156-2161	56.1	0.5	32.8	0.7			0.3	0.3	1.2	0.6	7.5	
Porcelain																						
Casting Porcelain	✓		✓			✓	✓	✓	1220-1280	155-1550	64	0.4	23.5	0.4			0.4	0.2	3.2	0.9	6.1	
DL Porcelain	✓		✓	✓		✓	✓	✓	1220-1290	155-1147	60.9	0.1	27.4	0.4			0.4	0.2	2.3	0.7	7	
HF Porcelain	✓		✓	✓		✓	✓	✓	1220-1290	155-1149	60.2	0.1	27.9	0.3			1.8	0.2	1.9	0.7	6.8	
JB Porcelain	✓		✓	✓		✓	✓	✓	1220-1290	155-4000	60	0.2	27.6	0.2			1.8	0.2	1.9	0.7	6.5	
Southern Ice Porcelain	✓		✓	✓		✓	✓	✓	1220-1300	155-1151	Formula not Disclosed											
Cool Ice Porcelain	✓		✓	✓		✓	✓	✓	1180-1230	155-1152	Formula not Disclosed											
Bone China	✓		✓			✓	✓	✓	1200-1250	155-1148	29		16.8	0.2			19	23	0.4	1.3	1.2	8.8
White Stoneware																						
White Stoneware	✓		✓			✓	✓	✓	1200-1300	157-1145	63.2	1	26.2	0.7			0.2	0.3	1.6	0.5	6.4	
White Stoneware PB	✓		✓			✓	✓	✓	1200-1300	157-2145	62.4	0.7	25.6	0.7			1.2	0.3	1.7	0.5	6.8	
White Special Stoneware	✓		✓			✓	✓	✓	1200-1300	157-1142	61.9	0.8	26.8	0.7			0.2	0.2	1.7	0.5	6.8	
New White Grog Stoneware	✓		✓			✓	✓	✓	1200-1300	157-4230	62.2	0.8	26.5	0.7			0.2	0.2	1.7	0.5	6.8	
New Draycott White S/W	✓		✓			✓	✓	✓	1200-1300	157-1143	61.5	0.5	24.8	0.8			2.2	0.2	1.8	0.4	7.5	
Modelling Clay			✓			✓			1100-1280	157-1150	69	1.7	20	0.8			0.2	0.4	1.9	0.3	5.4	
White Earthenware																						
Ivory Earthenware	✓					✓	✓	✓	1100-1180	158-2138	67.2	0.6	19.6	0.8			0.3	0.7	2.4	1.2	7	
Studio White Earthenware	✓		✓			✓	✓	✓	1100-1220	158-1141	67.6	0.5	19.2	0.7			1.8	0.3	1.8	1.5	6.5	
Grogged White	✓		✓			✓	✓	✓	1100-1240	158-4130	68.6	0.5	19.6	0.7			0.1	0.6	2	1.5	6.6	
Grogged White (Molochite)	✓		✓	✓	✓	✓	✓	✓	1120-1200	158-4120	67.8	0.5	20.4	0.7			0.1	0.6	1.9	1.5	6.5	
Semi Porcelain	✓		✓			✓	✓	✓	1100-1230	158-2144	68.5	0.4	19.4	0.5			0.3	0.7	2	1.4	6.8	
Paper Clay																						
Paper Clay	✓		✓	✓		✓	✓	✓	1100-1280	180-1190	61.9	0.8	26.8	0.7			0.2	0.2	1.7	0.5	6.8	
Southern Ice Paper Clay	✓		✓	✓		✓	✓	✓	1220-1300	180-1192	Formula not Disclosed											
Paper Clay	✓		✓	✓		✓	✓	✓	1100-1208	180-1193	Formula not Disclosed											
Paper Clay	✓		✓	✓		✓	✓	✓	1100-1280	180-1194	Formula not Disclosed											