










AMACO® MID/HIGH FIRE CERAMIC CLAYS COMPARISON CHART

Type	Moist Form	Dry Form	Color Range	Suggested Firing Temperature			Suggested Glazes	Shrinkage	Absorption
				Bisque	Glaze	Alternate			
Terra Cotta Stoneware Clay No. 77 Talc-Free		NA	Cone 05 Terra Cotta Cone 5 Rich Red Brown	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	Cone 05-5 1911°-2205°F 1044°-1207°C	Cone 5	Cone 04 6.75%	Cone 04 9%
								Cone 5 10.5%	Cone 5 0.9%
Buff Stoneware Clay No. 46 Talc-Free			Cone 5 Buff Cone 10 Soft Gray	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	Cone 5-10 2205°-2381°F 1207°-1305°C	Cone 5	Cone 5 12%	Cone 5 1.8%
								Cone 10 13.2%	Cone 10 0%
Stoneware Body with Grog No. 48 Talc-Free			Cone 5 Warm Buff Peppered with Dark Specks	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	Cone 5-10 2205°-2381°F 1207°-1305°C	Cone 5	Cone 5 11.3%	Cone 5 6.0%
								Cone 10 11.7%	Cone 10 2.9%
Stoneware Body without Grog No. 480 Talc-Free		NA	Cone 5 Warm Buff Peppered with Dark Specks	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	Cone 5-10 2205°-2281°F 1207°-1305°C	Cone 5	Cone 5 10.6%	Cone 5 5.2%
								Cone 10 10.8%	Cone 10 1.9%
Warm Brown Stoneware Clay No. 58 Talc-Free		NA	Cone 5-7 Warm Brown	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	Cone 5-7 2205°-2295°F 1207°-1257°C	Cone 5	Cone 5 14.2%	Cone 5 3%
								Cone 7 14.4%	Cone 7 0.4%
White Stoneware No. 38 Talc-Free		NA	White (oxid.) Gray (reduct.) both Peppered w/Gray Specks	Cone 04 1971°F 1077°C	Cone 10 2381°F 1305°C	Cone 5-10 2205°-2381°F 1207°-1305°C	Cone 10	Cone 5 13%	Cone 5 7%
								Cone 10 15%	Cone 10 1.4%
Porcelain Clay No. 65 Talc-Free		NA	Cone 5 White	Cone 04 1971°F 1077°C	Cone 5 2205°F 1207°C	None	Cone 5	Cone 5 12%	Cone 5 .2%