










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°-2381°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% |
| No. 11 A-Mix White Stoneware |  | NA | Cone 5 White Cone 10 Dark Buff | Cone 04 1971°F 1077°C | Cone 5 2205°F 1207°C | Cone 10 2381°F 1305°C | Cone 5 | Cone 5 11.2% | Cone 5 7.03% |
| | | | | | | | | Cone 10 12.9% | Cone 10 1.6% |