



CS CERAMIC CO.,LTD since 1974

# Fire Clay Crucibles & Cups

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40 years of fire assay crucibles production history

| Fire assay crucible International standard                                        |         |                      |           |         |        |              |                    |                |           |          |              |          |
|-----------------------------------------------------------------------------------|---------|----------------------|-----------|---------|--------|--------------|--------------------|----------------|-----------|----------|--------------|----------|
| Shape                                                                             | Product | TOP OUTER<br>DIA(mm) | TOP INNER | RIM TH  | HEIGHT | Wall<br>(mm) | Bottom<br>O D (mm) | VOLUME<br>(ml) | WEIGHT(g) | QTY(PCS) | QTY<br>(PCS) | QTY(PCS) |
|                                                                                   |         |                      | DIA(mm)   |         | (mm)   |              |                    |                |           | Carton   | Pallet       | 20"FLC   |
|  | 30g     | 82±2                 | 74±1      | 5±0.5   | 105±2  | 5            | 54±1               | 200ml          | 360-400g  | 60       | 810          | 48600    |
|  | 40g     | 88±2                 | 78±1      | 6±0.6   | 135±2  | 5            | 55±1               | 305ml          | 410-470g  | 48       | 770          | 36960    |
|  | 45g     | 90±2                 | 79±1      | 6.5±0.7 | 160±2  | 5            | 58±1               | 440ml          | 540-590g  | 48       | 625          | 30000    |
|  | 50g     | 105±2                | 90±1      | 8.5±0.8 | 150±2  | 7            | 56±1               | 440ml          | 550-600g  | 48       | 625          | 30000    |
|  | 65g     | 105±2                | 92±1      | 7.5±0.7 | 165±2  | 6.5          | 55±1               | 570ml          | 630-700g  | 24       | 1125         | 27000    |

| Fire assay crucible CS CERAMIC Standard Size |        |      |            |             |         |                                                                                       |
|----------------------------------------------|--------|------|------------|-------------|---------|---------------------------------------------------------------------------------------|
|                                              |        | ID(  | Outsideh   | Inside      | Bottom  | Shape                                                                                 |
| Model NO.                                    | OD(mm) | mm)  | eight (mm) | height (mm) | OD (mm) |                                                                                       |
| CS-F-1                                       | 80     | 70   | 80         | 66          | 55      |  |
| CS-F-2                                       | 85     | 72.5 | 135        | 120         | 55      |                                                                                       |
| CS-F-3                                       | 90     | 78   | 105        | 85          | 55      |                                                                                       |
| CS-F-4                                       | 93     | 80   | 115        | 95          | 55      |                                                                                       |
| CS-F-5                                       | 95     | 80   | 125        | 105         | 55      |                                                                                       |
| CS-F-6                                       | 93     | 82   | 135        | 110         | 55      |                                                                                       |
| CS-F-7                                       | 95     | 82   | 135        | 115         | 55      |                                                                                       |
| CS-F-8                                       | 90     | 80   | 155        | 136         | 55      |                                                                                       |

|                             |                                                                                                                                                                                                                                                         |     |     |     |    |                                                                                                        |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|----|--------------------------------------------------------------------------------------------------------|
| CS-F-9                      | 95                                                                                                                                                                                                                                                      | 83  | 140 | 118 | 55 |                     |
| CS-F-10                     | 80                                                                                                                                                                                                                                                      | 62  | 130 | 110 | 42 |                                                                                                        |
| CS-F-11                     | 90                                                                                                                                                                                                                                                      | 82  | 132 | 120 | 55 |                                                                                                        |
| CS-F-12                     | 88                                                                                                                                                                                                                                                      | 80  | 132 | 118 | 50 |                                                                                                        |
| CS-F-13                     | 100                                                                                                                                                                                                                                                     | 85  | 145 | 130 | 60 |                                                                                                        |
| CS-F-14                     | 108                                                                                                                                                                                                                                                     | 90  | 140 | 125 | 55 |                                                                                                        |
| CS-F-15                     | 105                                                                                                                                                                                                                                                     | 95  | 155 | 132 | 55 |                                                                                                        |
| CS-F-16                     | 90                                                                                                                                                                                                                                                      | 80  | 165 | 150 | 60 |                                                                                                        |
| CS-F-17(Convex edge)        | 120                                                                                                                                                                                                                                                     | 110 | 160 | 155 | 75 |  <p>Convex edge</p> |
| CS-F-18(Convex edge)        | 110                                                                                                                                                                                                                                                     | 95  | 155 | 135 | 55 |                                                                                                        |
| CS-F-19 (bulge Glazed )     | 115                                                                                                                                                                                                                                                     | 106 | 175 | 163 | 70 |  <p>Bulge</p>       |
| CS-F-20 (bulge Convex edge) | 90                                                                                                                                                                                                                                                      | 77  | 160 | 148 | 60 |                                                                                                        |
| CS-F-21 (bulge)             | 92                                                                                                                                                                                                                                                      | 78  | 155 | 138 | 80 |                                                                                                        |
| CS-F-22(cup)                | 85                                                                                                                                                                                                                                                      | 71  | 85  | 78  | 82 |                    |
| CS-F-23(cup)                | 78                                                                                                                                                                                                                                                      | 69  | 78  | 72  | 78 |                                                                                                        |
| CS-F-24(cup)                | 60                                                                                                                                                                                                                                                      | 55  | 60  | 52  | 60 |                                                                                                        |
| Applications:               | 1. Precious Metal Analysis 2. Mining Laboratory 3. Laboratory Testing                                                                                                                                                                                   |     |     |     |    |                                                                                                        |
| Features:                   | 1. Long Lasting, can be used 5 times<br>2. High mechanical strength designed to withstand severe thermal shocks<br>3. Special formula, curing and pressing process<br>4. Multi-use crucible<br>5. Withstand extremely corrosive fire assay environments |     |     |     |    |                                                                                                        |

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| <b>Usage:</b>                                                                                                                                                                                                                                                                                                                  | In fire assay environment, gold melting crucible has a super high refractoriness and crack resistance, so it's widely used in laboratories field globally. CS Ceramics can supply this type of crucible with various sizes and shapes, designated specification required by customers is also available. |
| <b>Refractoriness:</b>                                                                                                                                                                                                                                                                                                         | 1350 centigrade degrees                                                                                                                                                                                                                                                                                  |
| <b>REMARK:</b>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                          |
| 1.Sample:free offer ,DHL/TNT/UPS/FEDEX Can be chosen ,buyer bear freight .                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                          |
| 2.Special offer: Most of our crucibles are produced to order, please mark clearly height, bottom diameter, top diameter, wall thickness and any special requirements i.e. lips etc. To speed up quotations please supply a drawing and if appropriate, the name of the system in which they are to be used.(www.cscearmic.com) |                                                                                                                                                                                                                                                                                                          |
| CONTACT :info@csceramic.com ; Web :www.csceramic.com                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                          |