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DFC ASSAY CRUCIBLES

The DFC Assay Crucibles feature the standard clay blend and the Colorado Blend of clay crucible. Both are for working temperatures up to 2,000° F (1,800° C). The standard clay crucible is designed to give suitable use under standard operating conditions. The Colorado Blend clay crucible has a higher thermal shock rating, and will generally have a longer life in assaying applications. The clay from DFC crucibles comes from their own clay mining operations, and a high degree of quality control is achieved in processing clays for crucible manufacture.



CRUCIBLES	ASSAY						
Capacity, grams	5	10	15	20	30	35	40
Volume, liters (min)	.075	.10	.14	.16	.21	.24	.35
Height, mm (min)	70	80	66	83	99	119	142
Diameter, mm (min)	62	67	76	80	89	84	94
Number/Case	96	80	64	64	64	64	48
Wt./case, lbs. (approx)	36	36	40	52	55	62	56
CATALOG NUMBER							
Standard Clay, 090G-	000	002	004	006	008	010	012
Premium Clay, 090G-				046	048	050	052
Fused Silica, 090G-					054	056	058
Corderite, 090G-					076	078	080
Colorado, 090G-			900	901	902	903	904

STANDARD CLAY. Designed to give optimum service under standard conditions. These units have been used for assaying, refining, smelting, fusing and testing for many decades. Dependable service at normal assaying temperature (1800-2000°F).

PREMIUM CLAY. A relatively recent development, on demand, giving improved resistance to wall erosion and higher refractory qualities (2250°F). When this unit is used, additional silicon and/or borax may be needed to obtain fluid fusions.

FUSED SILICA. Has excellent resistance to thermal shock for use in melting and refining up to 2750°F.

CORDERITE. Used for non-ferrous metals where pouring temperatures do not exceed 3000°F.

COLORADO. Multi-purpose use. Crucible designed to endure many melts. For glass melting or analyzing difficult ore bodies. Composite of alumina, silica, fireclay. Max. 2400°F.

SPECIAL. Sepor may also be able to supply special size crucibles of other compositions such as: silicon carbide/carbon, clay graphite/ceramic and carbon. Thin wall and bilge type shapes are also available.