







### ALUMINA CRUCIBLE LIST

High purity (> 99%) alumina (Al<sub>2</sub>O<sub>3</sub>) is a technical ceramic that finds wide usage under high temperature (up to 1700 °C) and corrosive environments thanks to its high melting temperature, strength, hardness and chemical resistance.

Boat Form	Product Code	Volume (ml)	L (mm)	W (mm)	H (mm)	
	B1-2	2	35	10	10	
	B1-15	15	90	15	17	
	B2-30	30	100	30	12	
	B3-50	50	110	35	20	
	B3-150	150	120	50	35	
	B3-250	250	175	55	30	
	B4-50	50	155	25	15	
	B5-5	5	90	12	8	
	Cylindrical Form (standard)	Product Code	Volume (ml)	OD (mm)	H (mm)	
		S1-3	3	18	18	
S1-15		15	30	25		
S1-25		25	35	35		
S1-50		50	45	45		
S1-100		100	50	60		
S1-300		300	75	75		
S1-750		750	100	100		
S1-1000		1000	100	125		
S1-1500		1500	120	140		
Cylindrical Form (tall/ short)	Product Code	Volume (ml)	OD (mm)	H (mm)		
	S2-50	50	35	70		
	S2-75	75	30	110		
	S2-125	125	45	100		
	S2-250	250	110	30		
	S2-500	500	110	65		
Flower Lid	Product Code	Volume (ml)	OD (mm)	H (mm)		
	Y1-12	12	40	10		
	Y1-25	25	55	10		
	Y1-50	50	75	15		
	Y1-100	100	90	15		
	Y1-150	150	110	18		
	Y1-175	175	125	15		
Conic Form	Product Code	Volume (ml)	Bottom OD (mm)	Upper OD (mm)	H (mm)	
	C1-25	25	25	33	35	
	C1-100	100	40	60	60	
	C1-150	150	40	65	75	
Flat Form	Product Code	Volume (ml)	L (mm)	W (mm)	H (mm)	
	K1-150	150	70	70	35	
	K2-30	30	60	60	12	
	D1-80	80	85	55	22	
	D1-800	800	210	123	35	

#### Notes:

There is a 10% size tolerance in production.  
Alumina ceramics have low thermal shock resistance and may crack with thermal shock.  
It shouldn't exposed rapid heating and cooling of more than 20 °C / min.  
There is tend to form glass with glass constructive chemicals.  
Glass formation may damage the crucible and cause abrasion and leakage.

