HIGH-PERFORMANCE CERAMICS

CRUCIBLES AND COMBUSTION TRAYS



Application:
Laboratory technology

Material:
Yttria partially stabilised zirconia (Y-PSZ) DEGUSSIT FZY

DEGUSSIT FZY is characterised by a particularly fine surface structure and temperature resistance up to 1700 °C. Low adhesion tendency reduces sticking of reagents and melting in crucibles and combustion trays. DEGUSSIT FZY is resistant to aggressive media. Thus, the products can be cleaned with acid, which enhances re-use and extends the life-time of the products. Plates and tubes are also available made of DEGUSSIT FZY.

Fields of Application:
- Temperature treatments
- Production of supraconductors
- Crystal growths

The products are also available in other high-performance ceramic materials.

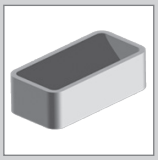
CRUCIBLES, CONICAL

Ø D1 mm	Ø D2 mm	Ø D3 mm	H mm	Vol. approx. ml.
20	17	11	25	4
60	53	30	65	76
65	55	32	100	150
73	67	35	90	190
85	78	35	100	400
100	91	50	120	500



COMBUSTION TRAYS

L mm	B mm	H mm	WS mm	Vol. approx. ml.
50	25	20	3	12
50	50	20	3	26
75	50	20	4	35
100	50	30	4	95



CRUCIBLES, CYLINDRICAL

Ø D1 mm	Ø D2 mm	H mm	Vol. approx. ml.
10	8	15	0,7
20	16	30	6
30	26	40	20
35	30	50	40
40	36	60	60
50	44	75	110
65	55	100	225
85	73	150	600



- **Temperature resistance up to 1700 °C**
- **Good resistance to thermal shock**
- **Low adhesion tendency**

KYOCERA Fineceramics Europe GmbH
E-Mail: info@kyocera-fineceramics.de · www.kyocera-fineceramics.de

© 2025 KYOCERA Fineceramics Europe GmbH. We reserve the right to make changes without prior notice.