

KINTEK FURNACE

Thermal Elements

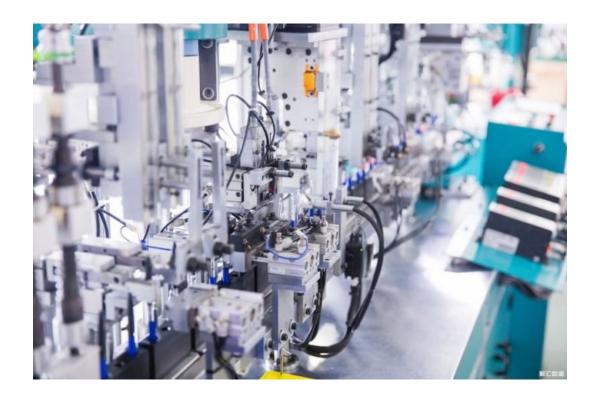
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KINTEK FURNACE

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Kintek Furnace CVD/PECVD





Mosi 2

: KT-MH



1800

MoSi2

(g/cm³)	(MP a)	(G P a)	(MP a)	(%)
6. 0 ± 0. 1	5 0 0	1 2	1 5 0 0	0.2%
	T 1 7 0 0	T 1 8 0 0	T 1 8 5 0	T 1 9 0 0
	1 7 0 0	1 8 0 0	1830	1 8 5 0
N 2	1 6 0 0	1 7 0 0	1700	1700
Аг Не	1600	1 7 0 0	1700	1700
- 8.0	1 1 5 0	1150	1150	1150

	1700	1 8 0 0	1830	1 8 5 0
N 2	1 6 0 0	1700	1700	1700
Аг Не	1600	1700	1700	1700
- 80	1 1 5 0	1 1 5 0	1 1 5 0	1 1 5 0
- 20	1 4 5 0	1 4 5 0	1 4 5 0	1 4 5 0
10%C02 50%C0 15%H2	1 6 0 0	1700	1700	1700
C O 2 4 O % C O 2 O	1 4 0 0	1 4 5 0	1 4 5 0	1 4 5 0
	1 4 0 0	1 4 5 0	1 4 5 0	1 4 5 0

D 1	D 2	Le	Lu	А
3 mm	6 mm	80-300mm	80-500mm	2 5 mm
4 mm	9 mm	80-350mm	80-500mm	2 5 mm
6 m m	1 2 mm	80-800mm	80-1000mm	25-60mm
7 mm	1 2 mm	80-800mm	80-1000mm	25-60mm
9 m m	1 8 mm	100-1200mm	100-2500mm	40-80mm
1 2 mm	2 4 mm	100-1500mm	100-1500mm	40-100mm



Sic

: KT-SH



600-1600

SiC

O D	НZ	C Z	OL	
8 mm	100-300mm	60-200mm	2 4 0 - 7 0 0 mm	2.1 8.6
1 2 mm	1 0 0 - 4 0 0 mm	100-350mm	3 0 0 - 1 1 0 0 mm	0.8-5.8
1 4 mm	100-500mm	150-350mm	400-1200	0.7-5.6
1 6 mm	200-600mm	200-350mm	600-1300	O . 7 - 4 . 4
1 8 mm	200-800mm	200-400mm	600-1600	0.7-5.8
2 0 mm	200-800mm	250-600mm	700-2000mm	0.66.0
2 5 mm	200-1200mm	250-700mm	700-2600mm	0.4 5.0
3 0 mm	3 0 0 - 2 0 0 0 mm	250-800mm	800-3600mm	0.4-4.0
3 5 mm	400-2000mm	250-800mm	900-3600mm	0.53.6
4 0 mm	500-2700mm	250-800mm	1000-4300mm	0.53.4
4 5 mm	500-3000mm	250-750mm	1000-4500mm	0.3.3.0
5 0 mm	600-2500mm	300-750mm	1 2 0 0 - 4 0 0 0 mm	0.3 2.5
5 4 mm	600-2500mm	300-750mm	1 2 0 0 - 4 0 0 0 mm	0.3-3.0

2 . 5 g / c m ³
2 3 %
1 4 - 1 9 W/ m K 1 0 0 0
5 O MP a 2 5
1.0kJ/kg-K (at 25~1300°C)

4.5 × 10- /K





Kintek Furnace

 $W_{\text{ma}} \, a_{\text{e}} t \, s_{\text{o}} A \, p_{\text{f}} p_{\text{ound}}$