

## Product: Infrared burner ceramic plate



Infrared ceramic plate is made of special cordierite material, ceramic plate works more efficient in the field of BBQ grill, gas cooker and gas heater and gas burner with the special design of the pattern. We can also provide coating for infrared ceramic plate to raise the surface temperature and reduce the exhaust emission.

### Application:

Our infrared ceramic plate is widely used on barbecue grill, burn oven, convection oven, gas oven, rotary oven, natural gas heater, space heater, etc. Because of the special pattern, the infrared ceramic plate makes the oven and the heater work more efficient.

### Advantage:

1. Save 30%-50% of the energy.
2. Outstanding behaviors of hardness.
3. Less noise when igniting, no flame when burning.
4. Reducing 90% of harmful exhausts when working, such as the NO<sub>x</sub>, CO, etc.



## Physical&Chemical Properties

Item	Material	Water absorption	Open Porosity	Specific gravity
Index	Cordierite	50.40%	61%	0.6-0.9Kg/cm <sup>3</sup>

Item	Temperature softening	Cooking Surface	CO Release	NO <sub>x</sub> Release
Index	>1350 °C	1000-1200°C	≤0.006%	≤5ppm



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## Popular sizes with square shape

Diamond(mm)	105*72*13 134*92*13, 150*135*13 132*92*13 134*94*13 185*63*13 131*131*13	162*60*13 128*88*13 129*74*13 135*190*13 140*96*13 140*100*13 180*100*13	200*140*13 186*134*13 134*47*13 134*78*13 94*67*13 70*100*13 135*190*13 138*190*13
8 pattern(mm)	172*123*13 132*87.5*13 144*73*13 139*110*13	88*132*13, 164*74*13 162*72*13 132*92*13	180*130*13 140*95*13 145*142*13 145*118*13
plum blossom(mm)	200*140*13 162*73*13 162*60*13 77*109*13	162*62*13 164*74*13 142*72*13 100*70*13	185*63*13 206*146*13 174*64*13

## Popular sizes with round shape

Dia150mm	Dia154mm	Dia158mm	Dia160mm	Dia168m	Dia170mm
Dia70mm	Dia90mm	Dia114mm	Dia120mm	Dia135m	Dia145mm