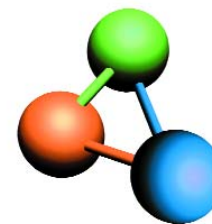


# PRODUCT BULLETIN

## CTC 2000

Ceramic Support Media



CATALYST TRADING  
C O M P A N Y



CTC 2000 is a chemically inert spherical bed support universally accepted for a wide range of chemical and petrochemical applications. The long service life and optimum performance of CTC 2000 catalyst bed supports is setting new standards in the industry to combat splitting, cracking, and spalling causing untimely catalyst deactivation, and premature catalyst change-outs. CTC 2000 has been successfully used in over 100 applications throughout North America without incident and is offered by several major catalyst manufacturers.

### Typical Chemical and Physical Properties:

#### Chemical Composition

Al <sub>2</sub> O <sub>3</sub>	wt %	24.10
SiO <sub>2</sub>	wt %	68.40
TiO <sub>3</sub>	wt %	0.86
CaO	wt %	0.20
MgO	wt %	.48
K <sub>2</sub> O	wt %	2.98
Na <sub>2</sub> O	wt %	1.48

\*Leachable Iron wt % < 0.1  
\*Based on C6 Soxhlet Extraction Test Method

#### Physical Properties

Average Water Absorption	3 %
Average Apparent Porosity	4-6 %
Average Density per ft <sup>3</sup>	84-94 lbs / ft <sup>3</sup>
Percent Free Space	40 %
Specific Heat @ 100 C	.25 cal / gm
MOHs Hardness	6.5
Maximum Operating Temperature	1800 F (982.2 C)

### Specific Specification for Individual Sizes:

Nominal Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	2"
CTC 2000 Crush Strength	220 lbs	255 lbs	492 lbs	525 lbs	1200 lbs	1840 lbs	5000 lbs

Additional Sizes Available Upon Request

### Packaging Options:

- 25 ft<sup>3</sup> Bulk Bags
- 1 ft<sup>3</sup> Boxes
- Custom Packaging Available Upon Request