

## Ceratek Fiber Products

Chemical Composition		
Chemical Composition (%)	$AL_2O_3$	46
	$AL_2O_3+SiO_2$	97
	$AL_2O_3+SiO_2+ZrO_2$	-
	$ZrO_2$	-
	$Fe_2O_3$	<1.0
	$Na_2O+K_2O$	≤0.5

Performance & Physical Properties	
Ceratek Item	Value
Max temperature Capacity (°C)	1260
Work temperature (°C)	1050
Color	white
Physical volume density(kg/m <sup>3</sup> )	96 128
Permanent line constringency(%) (heat preservation 24 hours, physical volume density 128/ m <sup>3</sup> )	-3 (1000°C)
Temperature descend transmit heat coefficient( w/ m.k) (physical volume density 128 kgs/ m <sup>3</sup> )	0.09(400°C) 0.16(800°C)
Strength( MPa) (physical volume density 128 kgs/ m <sup>3</sup> )	0.04