



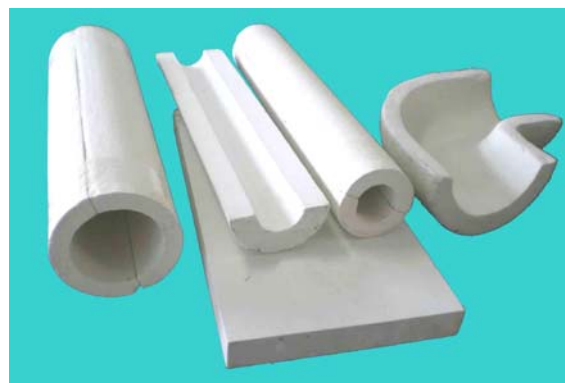
## Calcium Silicate Products

Asbestos free micropore Calcium Silicate is the white horniness heat insulation material. It is with properties of light bulk density, high strength, low thermal conductivity, high temperature resistance, eroding resistance, innocuity, odorless, flame resisting, high mechanical strength, easily cut. It is widely used in the heat insulation, fireproof and sound insulation for the equipment, pipe and wall in electric power, metallurgy, petrochemical, building and ship industries. Special design of the specification of the products is available.

Production: use the SiO<sub>2</sub> powder, CaO and the fiber reinforcing material, auxiliary and water through mix, mill, mould, heating, and drying.

### Technical Parameters (refer to GB/T10699-1998)

Items \ Model	Unit	CS170	CS220	CS240	HCS170	HCS220	HCS270
Bulk density	Kg/m <sup>3</sup>	170	220	240	170	220	270
Moisture % ≤	%	7.5	7.5	7.5	7.5	7.5	7.5
Compressive Strength ≥	MPa	0.40	0.50	0.50	0.40	0.50	0.60
Rupture Strength ≥	MPa	0.20	0.30	0.30	0.20	0.30	0.30
Thermal Conductivity	W/(m.k)	0.058	0.062	0.062	0.048+0.00011T	0.050+0.00011T	0.056+0.00011T
Max. Working Temp.	°C	650	650	650	1000	1050	1050
Linear Shrinkage <sup>1000°Cx3h</sup>	%	2	2	2	1.50	1.50	1.50



For more details, please contact with us.

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