

China stone

Characteristics

The name is a short form meaning a stone that is used to make china ware. Generally, a silica powder that has been pulverized and classified is composed primarily of quartz, sericite, and sometimes clay minerals.

Product List (representative values)

Product name		Tsuchihashi China stone			Takehara China stone	Mikuni China Stone (Grade 3)
		Grade 1	Grade 2	Grade 3		
Chemical composition (%)	Igloss	2.68	2.20	1.78	1.46	1.62
	SiO ₂	77.07	80.30	83.40	79.44	79.69
	Al ₂ O ₃	15.94	13.70	11.30	11.62	12.75
	Fe ₂ O ₃	0.18	0.07	0.12	1.76	0.68
	CaO	0.11	0.10	0.07	0.21	0.11
	MgO	0.05	0.03	0.07	0.13	0.02
	Na ₂ O	0.10	0.13	0.04	1.95	2.02
	K ₂ O	3.79	3.02	2.76	3.17	3.11
	TiO ₂	0.08	0.09	0.13	0.24	0.09
Mineral composition	Quartz	○	○	○	○	○
	Sericite	○	○	○	○	○
	Pyrophyllite		△	△		
	Albite				△	△

We can handle requests for specific crushed grain sizes (granularity).

Applications

Ceramics, Sanitary ware

Delivery formats

- Flexible containers
- Paper bag
- Loose