

Haiku on Ceramics

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Ceramic Bakery

Clay, alkalis, quartz
grind, blend, mix, cast, press, extrude...
calcine, glaze, fire



Ceramics

Born out of big bang.
Still here forever and can
take a lot of heat!



Particles

Weak forces nudge to
aggregate or not or else...
No consolidate!



Clay

Willing any shape
in a potter's hand, yet heat
turning all brittle



Colloidal

Dispersion stays free.
In solution for ever...
Why to settle down?



Sintering

Neck, diffuse, slide,
coalesce, cajole, until
particles dense Zen

Pores

Open, closed, small, large,
isolated, connected,
Tame at your own risk!



Statistical

Perfect tea pot shines
with full of flaws inside breaks
The Weibull rules!



Microstructure

To grow or shrink in
a grain-eat-grain world until
near-network shapes reach



Flight

Exploring the space
light years ... to safely return...
home in a tiled flight

