

	Heat.	Of Binary Proportions.
Rust of IRON and Argill. 50 argill 50 rust	156	{ formed a greenish black loose powder.
Rust of IRON and SILEX. 90 filex 10 rust	150	{ a yellowish brown indurated brittle mass.
80 filex 20 rust	125	{ not melted, but formed a brown hard mass.
75 filex 25 rust	150	a brown hardened powder.
66 filex 33 rust	150	{ a blackish brown indurated powder.
ARGILL and ME- TALLIC IRON. 50 argill 50 metallic iron	160	{ melted into a hard greyish black mass; but other proportions, in which the argill exceeded, I found infusible at 160.

Ternary Proportions, the first in greatest quantity.

Calx, Magnesia, and Argill.

A	{ 3 parts calx 3 argill 1 magnesia	} porous porcelain mass.
A	{ 3 calx 2 argill 1 magnesia	} powder.
A	{ 3 calx 1 argill 1 magnesia	} powder.
A	{ 3 calx 3 argill 2 magnesia	} somewhat porous porcelain.

3 calx