

A ternary phase diagram for the Fe-Ni-C system. The diagram is an equilateral triangle with vertices representing 100% Fe (bottom-left), 100% Ni (bottom-right), and 100% C (top). The diagram is divided into several phase regions: a large light blue region on the left, a light green region in the center, a light purple region on the right, and a small orange region at the bottom. Data points are plotted as blue dots in the light blue region, orange dots in the orange region, and red dots in the light purple region. A vertical line separates the left and right sides of the diagram.

$$\text{SiO}_2$$