

It has an imperfectly small conchoidal fracture, which passes sometimes into the splintery and uneven. The crystallized has sometimes an imperfectly foliated fracture, with a two-fold cleavage, and such varieties possess the greatest transparency and lustre.

Its fragments are indeterminately angular and sharp edged.

The larger pieces and grains show a tendency to small grained distinct concretions.

Semitransparent, which passes into translucent and transparent.

Very easily frangible.

In a low degree hard.

Not particularly heavy.

Specific gravity—3,225, *Werner*.—3,265, *Klaproth*.

Chemical Characters.

Before the blow pipe it is nearly infusible without addition; with borax it melts into a dark green bead. It loses its colour in nitrous acid, the acid dissolving the iron, which is its colouring ingredient.

Constituent