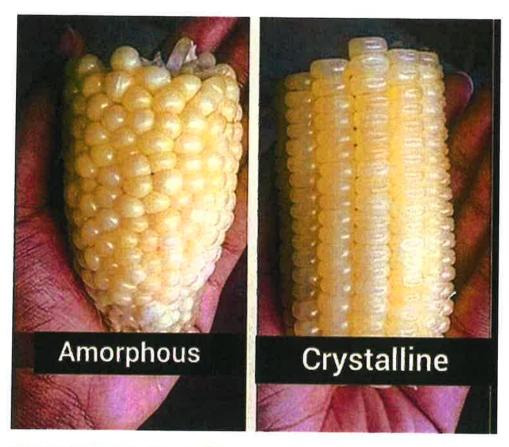
This helps to explain the difference between Amorphous vs. Crystalline Silica. This illustration does a good job of giving us a visual of how it differs on the molecular level.

Glass is Amorphous Silica. It is a "super-cooled" fluid, like water with a much higher temperature needed before it flows; vs. Crystalline Silica which is a solid, like ice.



https://www.instagram.com/material_science007/