Does a solid take the shape of its container

Why do solids not take the shape of their container?
Because the particles are already packed closely together,solids can't easily be compressed. Because there are lots of particles in a small volume,solids are dense. Powdered solids cannot take the shape of their container. Do solids take the shape of their container? Solid matter is composed of tightly packed particles.

Why do solids have a definite volume and shape?
Motion of Particles in Solids Solids have a definite volume and shape because particles in a solid vibrate around fixed locations. Strong attractions between the particles in a solid restrict their motion,keeping them in place. Why do liquids take the shape of their container?

Does a liquid take the shape of a container?
The particles in a liquid are close together,but they are not bound to fixed positions; they can slide past and around each other. This enables liquidsto take the shape of their container and to flow when they are poured. Does a solid take the shape of a bottom of the container? Solids keep their shape.

Does a solid retain its shape?
A solid will retain its shape; the particles are not free to move around. It will take the shape of its container. Particles can move about within a liquid,but they are packed densely enough that volume is maintained. Furthermore,why do solids keep their shape?

Why does a solid have a specific shape?
Solid matter is composed of tightly packed particles. A solid will retain its shape; the particles are not free to move around. It will take the shape of its container. Particles can move about within a liquid,but they are packed densely enough that volume is maintained. Why does the solid have a specific shape Why does it not change shape?

How do gases differ from solids?
A solid has a definite shape and volume. In contrast,a gas lacks either a defined shape or volume,and it takes the shape of its container. A liquid has a definite volume but takes the shape of its container. Plasma is similar to a gas but has a charge.

A solid has a fixed shape and a fixed volume. Your pencil is an example of a solid object. It"s shape will remain the same no matter what room you put it in. It"s volume - the amount of space it occupies - will also be the ...

Study with Quizlet and memorize flashcards containing terms like which state of matter has a definite volume but a variable shape?, in which state(s) of matter can materials take the shape ...

Does a solid take the shape of its container

flow and take the shape of their container, because their particles can move around each other cannot be compressed, because their particles are close together and have no space to move into Gases:

It does not take the shape of its container. It also has a definite volume because it can be measured., Milk, Helium and more. ... Solid. 1 / 43. 1 / 43. Flashcards; Learn; Test; Match; Q ...

What is the shape of a solid in a container? Solids have a definite shape and volume. Liquids have a definite volume, but take the shape of the container. Gases have no definite shape or ...

Solid particles having strong inter molecular forces from which they having fix volume, shape & size while in liquid having weak inter molecular forces so that having fix volume but not fix ...

Because the particles cannot move around, a solid has a fixed shape. A liquid can flow and take the shape of its container. Why do solids take the shape of their container? ...

A solid has a definite shape and volume. A liquid has a definite volume, but takes the shape of its container. A gas lacks either a defined shape or volume. Plasma is similar to a gas in that its particles are very far apart, but ...

Liquids will flow and fill up any shape of container. Solids like to hold their shape. In the same way that a large solid holds its shape, the atoms inside of a solid are not allowed ...

Study with Quizlet and memorize flashcards containing terms like The constant motion of the particles in a liquid causes the liquid to take the shape of its container., At room temperature ...

Liquids and gases take the shape of their containers since, they do not have definite shape and volume. Only solids have definite shape and volume. Suggest Corrections. 19. ... Q. ____ ...

Because the particles don"t move, solids have a definite shape and volume, and can"t flow. Because the particles are already packed closely together, solids can"t easily be ...

Solids have a definite shape and volume, meaning they do not take the shape or volume of their container. The particles in a solid are tightly packed and have strong ...

Study with Quizlet and memorize flashcards containing terms like solid, liquid, gas and more. ... A _____ has definite shape. It does not take the shape of its contianer. It also ...

(a) Solid O 2 has a fixed volume and shape, and the molecules are packed tightly together. (b) Liquid O 2 conforms to the shape of its container but has a fixed volume; it contains relatively densely packed molecules. (c) Gaseous O 2 fills ...

Does a solid take the shape of its container

Indicate whether each of the following substances does or does not take the shape of its container and also whether it has a definite volume. a. Copper wire b. ... Solid at room ...

Solid. In the solid phase the molecules are closely bound to one another by molecular forces. A solid holds its shape and the volume of a solid is fixed by the shape of the ...

Under exceptional conditions, other states of matter also exist. A solid has a definite shape and volume. A liquid has a definite volume, but takes the shape of its container. A gas lacks either a defined shape or volume. Plasma is similar ...

solid: Has a definite shape and volume. liquid: Has a definite volume, but take the shape of the container. gas: Has no definite shape or volume. change of state: When matter is converted ...

Does a solid take the shape of its container? Solid matter is composed of tightly packed particles. A solid will retain its shape; the particles are not free to move around. It will take the shape of ...

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