

POTASSIUM

<http://www.youtube.com/watch?v=pPdevJTGAYY&feature=channel>

1. Watch the film and answer the questions:

- a. How was potassium described by one of the professor's colleagues? Why?
- b. What happens if you keep potassium in a box with argon?
- c. What do you get when you mix sodium and potassium?
- d. Why is the atmosphere evacuated from the ampoule?
- e. What is the boiling point of potassium?
- f. Why do we use 'blue flame'?
- g. Where can you find potassium?

2. Match the words to the definitions below:

- a. reactive
- b. extract
- c. sample
- d. amalgam
- e. liquid
- f. malleable
- g. tarnish
- h. ampoule
- i. bubbles

1. tending to be responsive or to react to a stimulus.
2. to dull the luster of; discolor, especially by exposure to air or dirt.
3. any of various alloys of mercury with other metals.
4. the state of matter in which a substance exhibits a characteristic readiness to flow.
5. a small glass vial that is sealed after filling and used chiefly as a container for a hypodermic injection solution.
6. a thin, usually spherical or hemispherical film of liquid filled with air or gas.
7. capable of being shaped or formed, as by hammering or pressure
8. to draw or pull out, often with great force or effort
9. a portion, piece, or segment that is representative of a whole.