

Burning Cotton Balls

Instructions

Materials:

2 cotton balls

Matches

Set Up:

1. Spread out 1 cotton ball as thin as possible
2. Squeeze together the 2nd ball as tightly as possible so there is minimal contact area with oxygen

Demo Procedure:

1. Light both cotton balls at the same time
2. Observe how the spread out cotton ball burns much more rapidly than the cotton ball that is tightly squeezed together.

Troubleshooting:

- Be sure and check that you have cotton balls and not synthetic “puff” balls. Many cosmetic puff balls are made from synthetic fibers such as polyesters.