

Experimental Procedure: 1. Place the pellet into the pan; attach the ignition wire to the calorimeter lead connections so that there are no kinks or sharp bends, and slide the fasteners over the ignition wire to secure it to the calorimeter leads. Unscrew the knurled venting nut carefully to release the pressure and thus flush most of the air out of the bomb. Hand-tighten the knurled venting nut. Pressurize the bomb to 400 psi of O<sub>2</sub> (about 30 atm). 2. 3. 4. 5. 6.