

**MEEN 3344: Materials Science**  
**(HW 5, Due on November 3, 2023)**

1. Discuss why the temperature and rate of testing need to be specified in the ASTM standard(s) for tensile and compressive testing of materials.
2. Discuss the environmental conditioning needed for plastics samples according to the ASTM standard(s) for tensile and compressive testing of polymers.