

7.25 This problem asks that we determine the grain size of the brass for which is the subject of Figure 7.19. From Figure 7.19(a), the yield strength of brass at 0%CW is approximately 175 MPa (26,000 psi). This yield strength from Figure 7.15 corresponds to a  $d^{-1/2}$  value of approximately  $12.0 \text{ (mm)}^{-1/2}$ . Thus,  $d = 6.9 \times 10^{-3} \text{ mm}$ .