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#1 Find the following physical properties for liquid ethanol at its normal boiling point:

1. Normal boiling point in °C ( $T_b$ )
2. (Molar) Volume in  $\text{cm}^3/\text{mol}$  at  $T_b$
3. Surface tension at  $T_b$  in dyne/cm
4. Viscosity at  $T_b$  in cP

#2 Find the following physical properties for liquid benzene at its normal boiling point:

1. Normal boiling point in °C ( $T_b$ )
2. (Molar) Volume in  $\text{cm}^3/\text{mol}$  at  $T_b$
3. Surface tension at  $T_b$  in dyne/cm
4. Viscosity at  $T_b$  in cP