

burning velocity, v_b

of a flame front

in flame emission and absorption spectrometry

The mean velocity of the flame front (in mm s^{-1}) towards the unburnt gas mixture (usually vertically downwards). The quantity applies to gas mixtures and not to injection burners, and depends on the flame temperature and the solvent nebulized.

Source:

PAC, 1986, 58, 1737 (*Quantities and units in clinical chemistry: Nebulizer and flame properties in flame emission and absorption spectrometry (Recommendations 1986)*) on page 1742