mean interstitial velocity of the carrier gas

in chromatography

The interstitial velocity, \( u \) of the carrier gas multiplied by the pressure-gradient correction-factor, \( j \):

\[
\tilde{u} = u \ j
\]

\[
\tilde{u} = \frac{F \ j}{\varepsilon_i}
\]

where \( F \) is the nominal linear flow, \( \varepsilon_i \) is the interstitial fraction.

Source:
Orange Book, p. 103