amount fraction, \( x \) (\( y \) for gaseous mixtures)

**Synonym:** mole fraction

Amount of a constituent divided by the total amount of all constituents in the mixture. It is also called mole fraction. Amount fraction is equal to the number fraction: the number of entities of one constituent divided by the total number of entities in the mixture.

**See also:** fraction

**Source:**
Green Book, 2nd ed., p. 41