

Acentric factor =

[@wikipedia](#)

A physical quantity characterizing the contribution of non-sphericity of molecules in [Equation of State](#).

Molecule	Acentric Factor
Acetone	0.304
Acetylene	0.187
Ammonia	0.253
Argon	0.000
Carbon Dioxide	0.228
Decane	0.484
Ethanol	0.644
Helium	-0.390
Hydrogen	-0.220
Krypton	0.000
Methanol	0.556
Neon	0.000
Nitrogen	0.040
Nitrous Oxide	0.142
Oxygen	0.022
Xenon	0.000

See also

[Natural Science](#) / [Physics](#) / [Thermodynamics](#) / [Equation of State](#)

[[Real Gas](#)]

