equation_null.png

Density:

$\rho\,(kg/m^3) = A + B{\cdot}\mathrm{T}\,(K)$ equation_0000.png

$\rho\,(kg/m^3) = A{\cdot}10^{(B/\mathrm{T}\,(K))}$ equation_0001.png

$\rho\,(kg/m^3) = A + B{\cdot}\mathrm{T}^2\,(K)$ equation_0002.png

Viscosity:

$\eta\,(Pa{\cdot}s) = A{\cdot}e^{B/\mathrm{T}\,(K)}$ equation_0003.png

$\eta\,(Pa{\cdot}s) = A{\cdot}10^{B/\mathrm{T}\,(K)}$ equation_0004.png

$\eta\,(Pa{\cdot}s) = A + B{\cdot}\mathrm{T}\,(K) + C{\cdot}\mathrm{T}^2\,(K) + D{\cdot}\mathrm{T}^3\,(K)$ equation_0005.png

$\eta\,(Pa{\cdot}s) = A + B{\cdot}(\mathrm{T}\,(K) - 273) + C{\cdot}(\mathrm{T}\,(K) - 273)^2 + D{\cdot}(\mathrm{T}\,(K) - 273)^3$ equation_0006.png

$\eta\,(Pa{\cdot}s) = A{\cdot}(\mathrm{T}\,(K) - 273)^B$ equation_0007.png

$\eta\,(Pa{\cdot}s) = A + B{\cdot}e^{-\mathrm{T}\,(K)/C}$ equation_0008.png

$\eta\,(Pa{\cdot}s) = \frac{e^{\beta}+e^{-\beta}}{e^{\beta}-e^{-\beta}} + A\ ;\ \ \beta = \frac{5.9{\cdot}(\mathrm{T}\,(K)-9.638)}{990.362}$ equation_0009.png

$\eta\,(Pa{\cdot}s) = A{\cdot}e^{B/\mathrm{T}\,(K)+C/\mathrm{T}^2\,(K)}$ equation_0010.png

$\eta\,(Pa{\cdot}s) = e^{A+B(\ln(\mathrm{T}\,(K)-273)+C)}$ equation_0011.png

$\eta\,(Pa{\cdot}s) = A{\cdot}10^{B/(\mathrm{T}\,(K)+C)}$ equation_0012.png

Thermal conductivity:

$\lambda\,(\frac{W}{m{\cdot}K}) = A + B{\cdot}\mathrm{T}\,(K) + C{\cdot}\mathrm{T}^2\,(K)$ equation_0013.png

$\lambda\,(\frac{W}{m{\cdot}K}) = A + B{\cdot}\mathrm{T}\,(K)$ equation_0014.png

$\lambda\,(\frac{W}{m{\cdot}K}) = A{\cdot}(\mathrm{T}\,(K) + B) + C$ equation_0015.png

Heat capacity:

$Cp\,(\frac{J}{kg{\cdot}K}) = A + B{\cdot}\mathrm{T}\,(K)$ equation_0016.png

$Cp\,(\frac{J}{kg{\cdot}K}) = A + B{\cdot}\mathrm{T}\,(K) + C{\cdot}\mathrm{T}^2\,(K)$ equation_0017.png