

Determination of Fulcher Coefficients from Constants

Experimental Data

	Temperature	Log Viscosity
Data #1	540	13
Data #2	722	7.6
Data #3	1185	3

$$\eta = \eta_o e^{\frac{B}{T - T_o}}$$

Constant	Value
A	-2.035E+00
B	4.882E+03
to	2.153E+02
Tolerance	0.001

$$\log(\eta) = A + \frac{B}{T - T_o}$$

$$A + \frac{B}{T - T_o} - \log(\eta) = 0$$

Temp.	Log N	F(x)	Abs(F(x))
540	13	-9.21543E-07	9.22E-07
722	7.6	0.000145535	0.000146
1185	3	-3.76406E-05	3.76E-05

0.000184