lithium hypochlorite

Inchi: InChI=1S/ClO.Li/c1-2;/q-1;+1
InchiKey: LWXVCCOAQYNXNX-UHFFFAOYSA-N
Formula: ClLiO
SMILES: [Li+].[O-]Cl
Mol. weight [g/mol]: 58.39
CAS: 13840-33-0

Correlations

Information	Value
Property code	cpg
Equation	$Y = A + B \cdot t + C \cdot t^2 + D \cdot t^3 + E/t^2$, $t = T/1000$
Y unit	J/mol×K
Coeff. A	3.09571e+01
Coeff. B	6.28587e+01
Coeff. C	-5.59857e+01
Coeff. D	1.78595e+01
Coeff. E	-1.99655e-01
Reference	Chase, 1998
Comment	F=-26.46129, G=276.3432, H=-14.22602; Data last reviewed in December, 1960
Temperature range (K), min.	298.00
Temperature range (K), max.	1100.00

Information	Value
Property code	cpg
Equation	$Y = A + B \cdot t + C \cdot t^2 + D \cdot t^3 + E/t^2$, $t = T/1000$
Y unit	J/mol×K
Coeff. A	5.78668e+01
Coeff. B	1.85447e-01
Coeff. C	-3.73000e-02
Coeff. D	2.56900e-03
Coeff. E	-2.52629e+00
Reference	Chase, 1998
Comment	F=-38.54535, G=315.8318, H=-14.22602; Data last reviewed in December, 1960
Temperature range (K), min.	1100.00
Temperature range (K), max.	6000.00

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13840330&Units=SI

Legend

cpg: Ideal gas heat capacity

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