

# silicon nitride

Inchi:	InChI=1S/NSi/c1-2
InchiKey:	NCLWWTWAYQTPBU-UHFFFAOYSA-N
Formula:	NSi
SMILES:	N#[Si]
Mol. weight [g/mol]:	42.09
CAS:	12033-60-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.55		Crippen Method
logp	-0.366		Crippen Method

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C12033602&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C12033602&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/55-137-9/silicon-nitride.pdf>

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