

TSUPREM4 High Temperature Oxidation Constants

Material	Ambient (1atm)	C1 (um/min)	C1 (um/hr)	C1 (cm/s)	EA1 (eV)
<100> X-Si	O2	6.1760E+04	3.7056E+06	1.0293E-01	2.0000E+00
	H2O	1.7550E+06	1.0530E+08	2.9250E+00	2.0500E+00
Poly-Si	O2	8.6500E+04	5.1900E+06	1.4417E-01	2.0000E+00
	H2O	2.4570E+06	1.4742E+08	4.0950E+00	2.0500E+00
		C2 (um2/min)	C2 (um2/hr)	C2 (cm2/s)	EA2 (eV)
X-Si&Poly	O2	1.2870E+01	7.7220E+02	2.1450E-09	1.2300E+00
X-Si&Poly	H2O	7.0000E+00	4.2000E+02	1.1667E-09	7.8000E-01