



TECHNICAL DATA SHEET

SILICON

High Purity Grade

CAS # 7440-21-3

FORMULA: Si

FORMULA WEIGHT 28.086

UN # UN1346

Silicon	97% Min
Iron	1% Max
Aluminum	1% Max

Other grades available upon request as well as material prepared to customer and government specifications. Custom milling, blending, screening and packaging are available at a reasonable cost. All raw materials undergo testing for conformance as well as in-process sampling and final shipping samples. Barium & Chemicals, Inc. has a full-course, in-house laboratory whose staff has expertise in wet chemical analysis as well as AA, IC, ICP, W.S. Tyler Ro-Tap, Fisher Sub-Sieve Sizer, Laser Particle Analysis, pH, titration and moisture analysis.

Special requests may require extra lead time for raw material manufacture and processing. Allow sufficient time when ordering.

USES: Production of silanes and silicones, transistors silicon diodes and semiconductors. Used for alloy productions and as a reducing agent in high temperature reactions and solar batteries.

PACKAGE TYPE: Fiber, Steel or plastic drums with polyliner.

Packaged for transport by ground, air or ocean transport. Call for packaging options.