PRODUCT OVERVIEW
meta-Carborane (C₂B₁₀H₁₄) CAS no. 16986-24-6

Applications
Carboranes and related chemicals were evaluated in the 1950’s as propellants. Due to cost and other factors, this application did not achieve significant adoption into programs of record at that time.

However, since that time, all three isomers of carborane (ortho, meta, and para - indicating various positions of boron in the cage structure) have continued to be of interest for research and some commercial applications.

- Synthesis of monomers for high-temperature resins and polymers
- Ion implantation of boron in the production of p-type electronics semiconductors
- Source of mono-atomic boron for chemical vapor deposition of thin films
- Scaffold for synthesis of compounds for boron neutron capture therapy (BNCT) experimental cancer treatment research

Product availability

Ortho-Carborane
Meta-Carborane
Para-Carborane

Carborane-siloxane monomer (made using meta-carborane core)

Custom packaging is available from grams to kilograms.

For a copy of the meta-carborane SDS, please contact Boron Specialties.

Regulatory
Decaborane is regulated by ITAR. Boron Specialties holds the U.S. State Department license required to manufacture these products. Export licenses are required for sales outside the U.S.

Boron Specialties, LLC
Carborane is made in the U.S.A. by Boron Specialties, a small, woman-owned chemistry technology and manufacturing company

www.boron.com
855-BORON-05
Outside US: 001.724.266.6501