H.C. Starck Solutions’ High Temperature MIM Furnace Products

H.C. Starck Solutions offers nearly 100 years of experience with a trusted supply chain of superior refractory pure and alloyed materials for heat treating medical, aerospace, defense and automotive products.

**Materials**
- Molybdenum
- Tungsten
- TZM
- MoLa (molybdenum-lanthana)

**Atmosphere Furnaces Served**
- Continuous feeding
- Chamber high temperature vacuum

**MIM Applications**
- Sintering
- Debonding
- Annealing
- Heat Treating

**Forms Available**
- Boats & Trays
- Hot Zones
- Furnace Racks
- Heat Shields

**Benefits of Refractory Components**
- Maintain temperature uniformity
- Quality products made in a clean environment
- Reduced production cost compared to graphite and ceramics
  - Improved cycle times
  - No carbon contamination
  - Fewer component rejections
Superior Mechanical Properties with Molybdenum Alloys

Molybdenum alloys - high melting temperature refractory, lower cost than tungsten, good creep resistance and high temperature mechanical properties.

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The values in this publication are typical values and do not constitute a specification.

For additional info please contact:

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Typical Tensile Properties for indicated Products (5/8 inch Diameter bars)