

220hb1

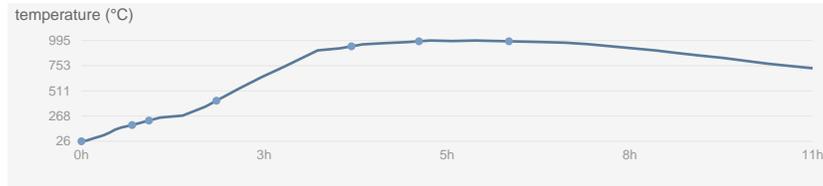
exported from elementalcolor.com · export date: May 28, 2026

January 23, 2026 · Falls Church, VA · han blue

overview

zero time: Jan 1, 1970, 12:00 AM · duration: 0.0h

synthesis



product

notes

- Lovely, consistent Han Blue observed
- Small amount of yellow impurity flecks noted
- Product visually uniform after overnight hold

charge

Charge reused from 7/21/25 Han Blue batch for refiring. Furnace reconfigured to use four original Kanthal elements embedded in refractory. Elements initially run on 240 V.

events

- t+0.0h **Run initiated**
Furnace reconfigured with four Kanthal elements embedded in refractory. Initial resistance measured ~52 ohm cold.
- t+0.8h **Power interruption**
Killed power after noticing odor; elements and leads inspected.
- t+1.0h **Power restored**
Power restored after inspection; heating resumed.
- t+2.0h **Elements rewired in parallel**
Elements placed fully in parallel; measured L1-L2 at ~247 V; estimated current ~19.3 A (~4.8 kW).
- t+4.0h **High-temperature regime reached**
Sustained operation above 900°C.
- t+5.0h **Overnight hold**
Temperature held in ~950–1000°C range for extended duration.
- t+6.3h **Cooldown initiated**
Power reduced; gradual temperature decline observed.
- t+12.0h **Chamber opened**
At 12:20 AM on 1/7/26, chamber opened at ~112°C.

Run crossed midnight from 1/6/26 into 1/7/26. This was a successful overnight refire with long high-temperature exposure using Kanthal elements rather than SiC.

For informational purposes only. Batch data reflects recorded conditions and is not a guarantee of specifications.

© 2026 elemental color, an exotic inorganics llc brand · [privacy](#) · [legal](#) · made with love in falls church, va