

HSQ Negative EBL Resist

<http://www.emresist.com/hsg-resist/#ctsc-tab-content-overview>

HSQ XR-1542-001 (6% HSQ in MIBK)

Spin Coat: 1 sec ramp to target rpm, 30sec at target rpm. See Chart Below.

Adding a 500rpm 5sec spread step and increasing the ramp time for the target rpm to 5secs can increase final thickness by as much as 100%.

Bake: 100C for 60 secs

EBL Dose: Varies between 200 uC/cm² – 2000 uC/cm² depending on feature size and density.

Develop: MF319 for ~90 secs

