

Supporting information:

Flow modification enhancing the growth rate in top seeded solution growth of SiC crystals

Minh-Tan Ha,^{†,‡} Young-Jae Yu,[†] Yun-Ji Shin,[†] Si-Young Bae,[†] Myung-Hyun Lee,[†] Cheol-Jin Kim,[‡] and Seong-Min Jeong^{,†}*

[†]Energy and Environmental Division, Korea Institute of Ceramic Engineering and Technology, Jinju-si 52851, Korea

[‡]Department of Ceramic Engineering, Gyeongsang National University, Jinju-si 52828, Korea

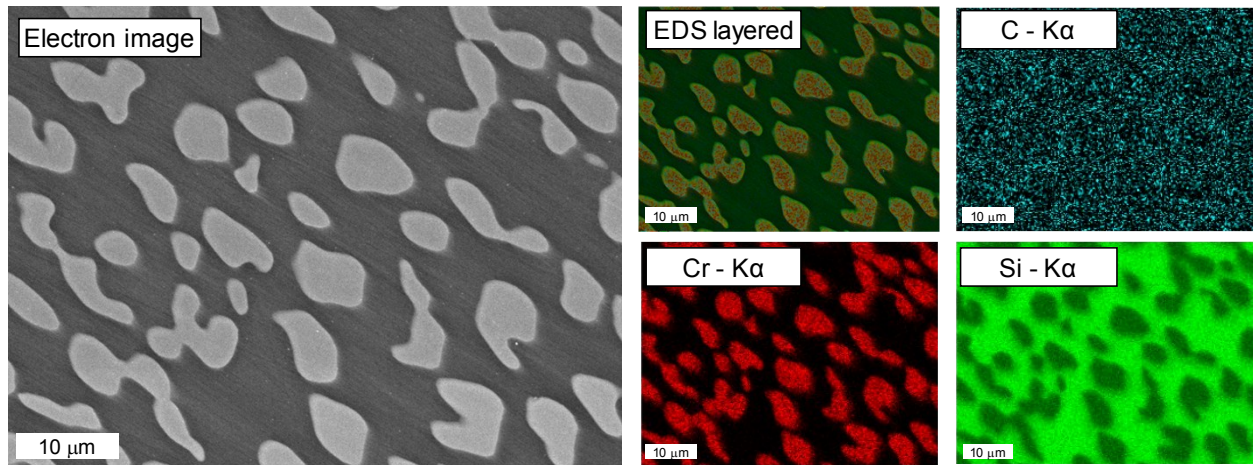


Figure S11. FE-SEM image and EDS element mappings of a cross-sectioned solidified melt of 90% Si – 10% Cr. In the FE-SEM image, the bright region and dark region were found to be Cr-rich phase and Si-rich phase with EDS mapping, respectively. The distinguished Cr-rich phase enables the investigation of the melt fluid flow.