

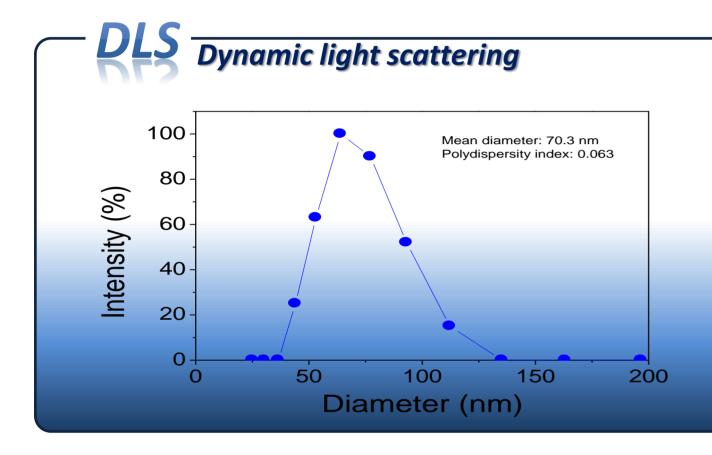
CMP - Slurry Analysis

Characterize the particle size and aggregates/agglomerates of abrasives in CMP slurry

Providing total solutions for CMP-Slurry characterization, including:

Size, Shape, Composition, and Aggregates/Agglomerates of Abrasives etc.

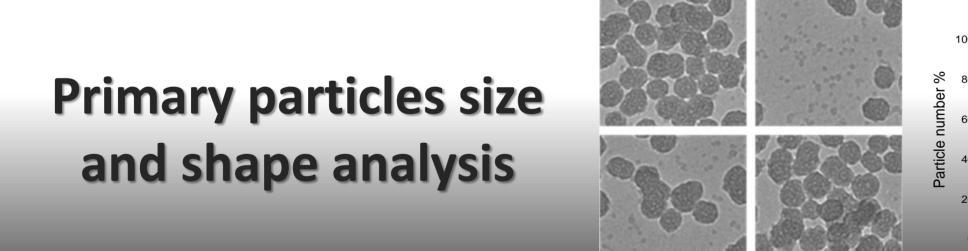




Bulk size analysis

Transmission electron microscope

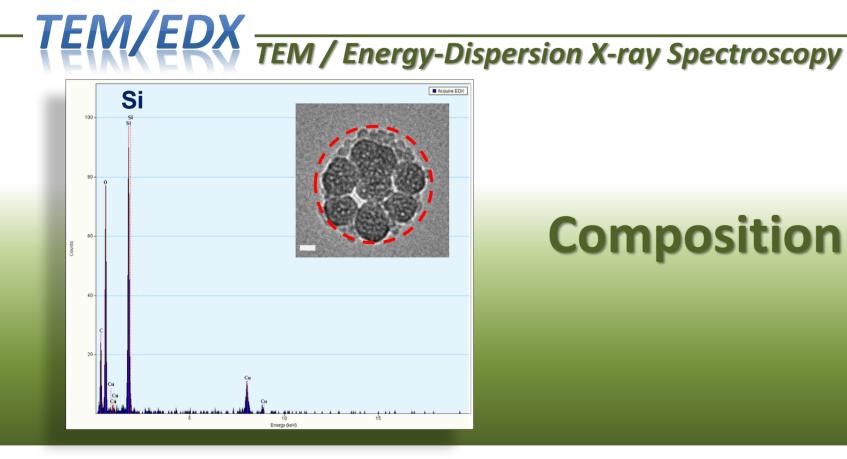
Scale bar: 50nm



Mean size: 45 nm

Nean size: 45 nm

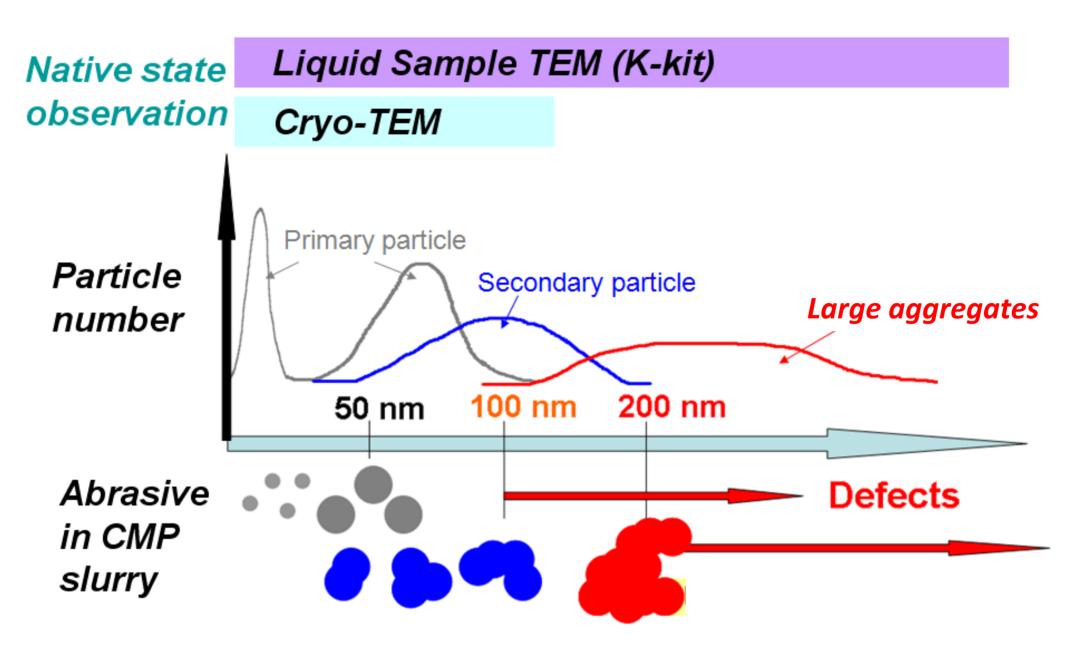
Size (nm)

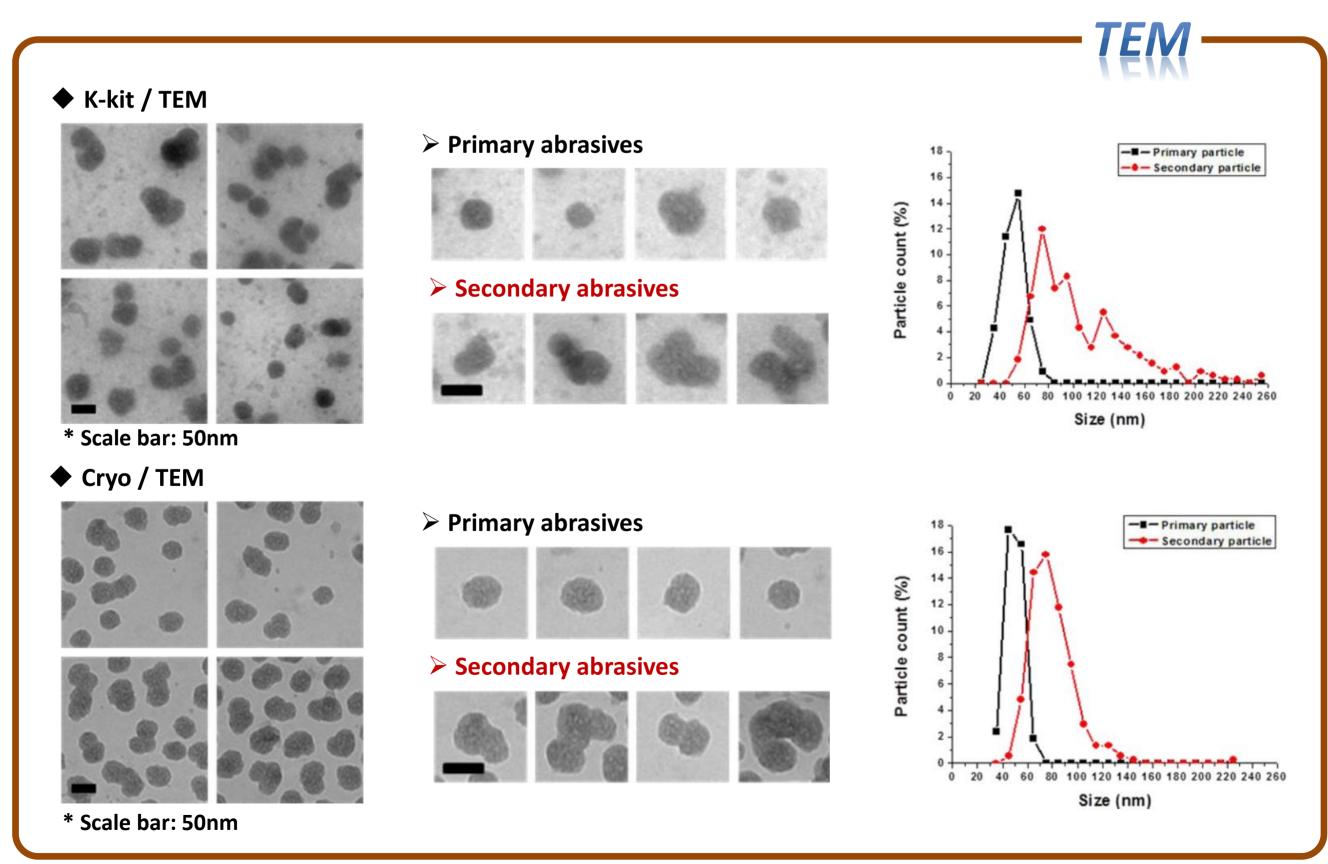


Composition characterization



Application of TEM for Distinguishing the Primary and Secondary Abrasives of Undiluted CMP Slurry





Physical and Failure Analysis of Integrated Circuits (IPFA 2013) "Application of TEM for Distinguishing the Primary and Secondary Abrasives of Undiluted CMP Slurry"