

Supporting information for the manuscript entitled:

Various modes of void closure during dry sintering of close-packed nanoparticles

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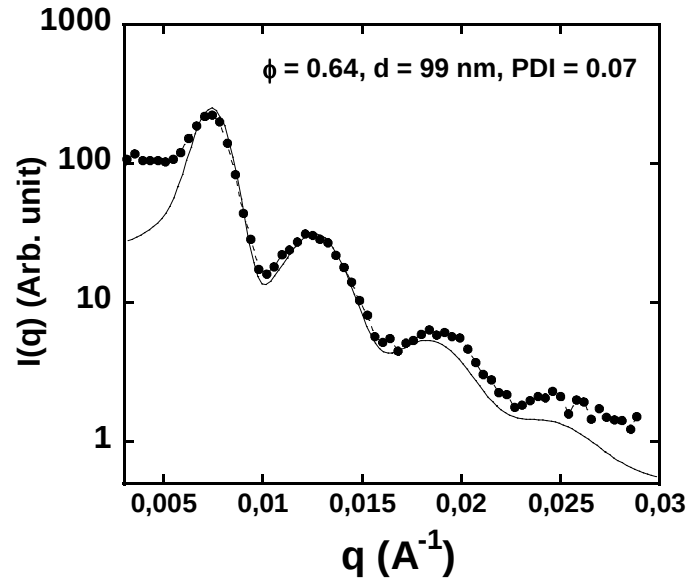


Figure S1. SANS spectra of freshly prepared powder from 93 nm particles (■) plotted in the $\log(I(q))$ vs. q form, and compared to Percus-Yevick theory (solid line) using volume fraction $\phi = 0.64$, particle diameter $d = 99$ nm and polydispersity index $\text{PDI} = 0.07$. The data for $q < 3 \cdot 10^{-3} \text{\AA}^{-1}$ correspond to the beam stop.

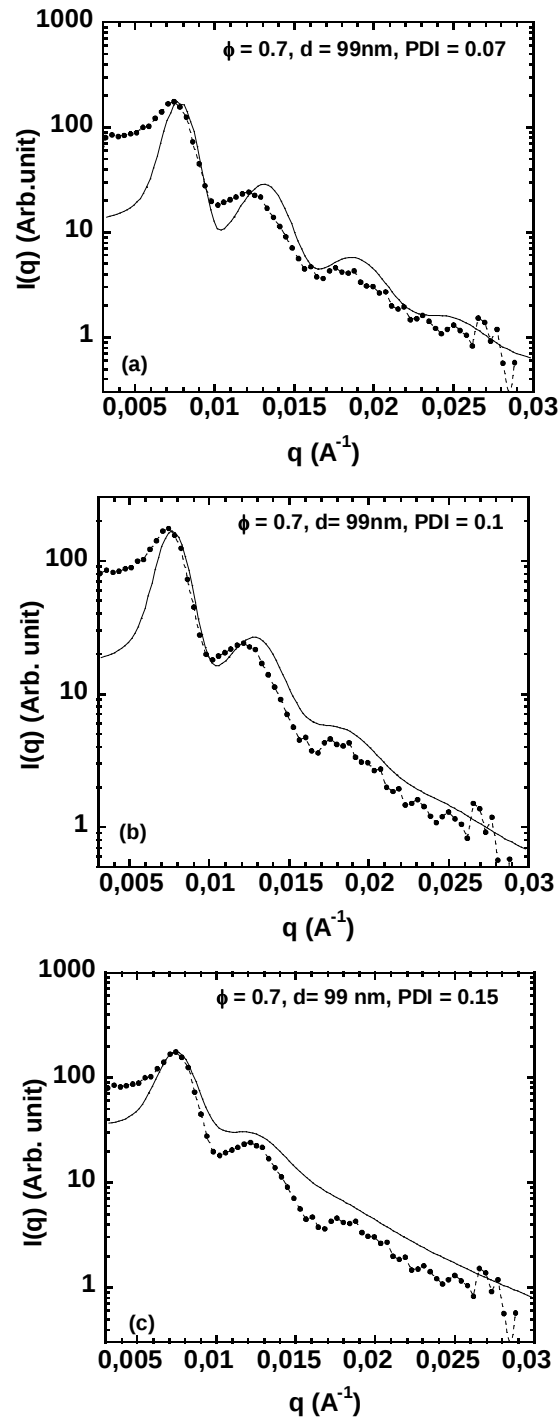


Figure S2. The SANS spectra of the 93 nm powder, annealed a 100 °C for 10 min (■), compared to the Percus-Yevick theory (solid line) using volume fraction $\phi = 0.7$, particle diameter $d = 99$ nm and polydispersity index PDI = 0.07 (a); $\phi = 0.7$, $d = 99$ nm, PDI = 0.1 (b) and $\phi = 0.7$, $d = 99$ nm, PDI = 0.15 (c).