

Electronic Supplementary Information

Fabrication of local micro-contacts to silicon solar cells by dewetting of ultrathin polymer films

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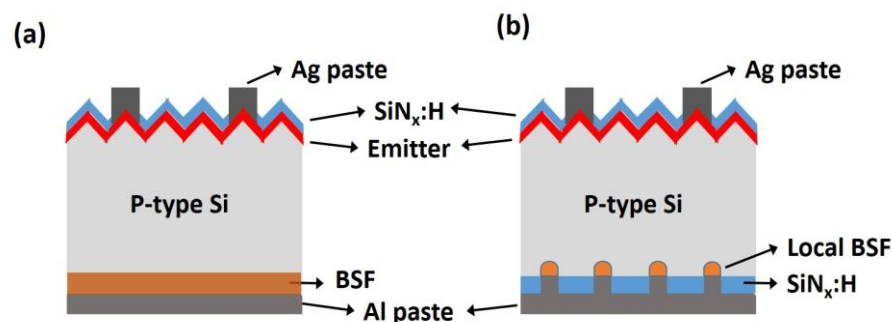


Fig. S1 Schematic cross-sections of (a) reference solar cell and (b) PERC solar cell.

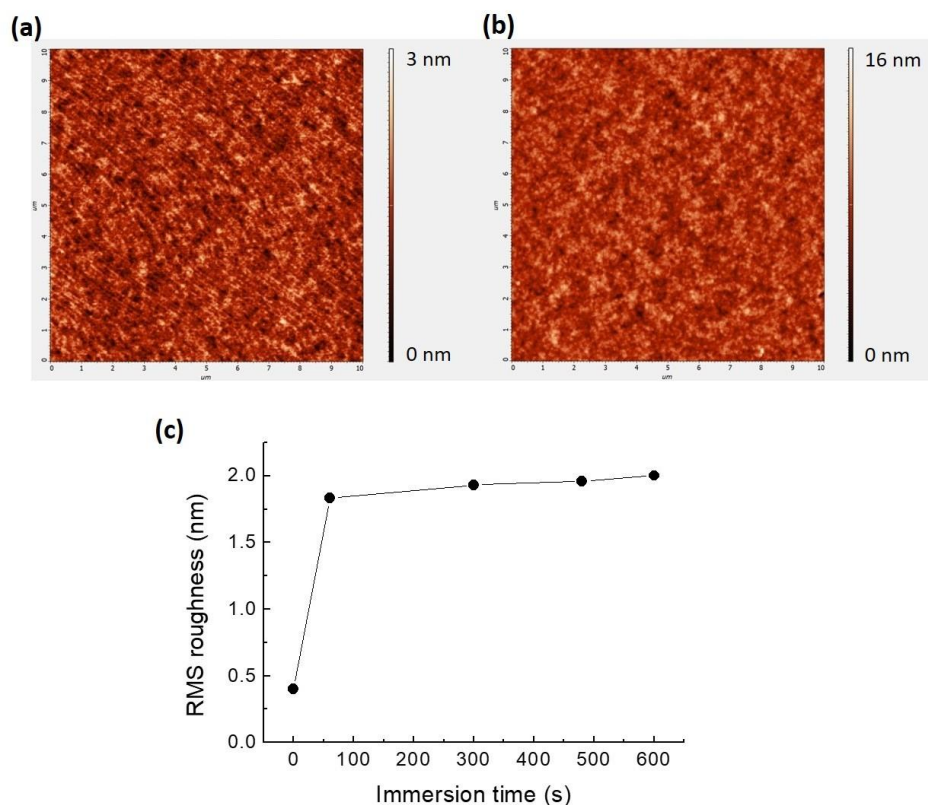


Fig. S2 Representative AFM morphologies of 50 nm-thick PS films on top of SiN_x-passivated Si wafers (a) before and (b) after immersion in acetone for 600 s. The scan size is 10 μm × 10 μm (c) Plot of surface RMS roughness as a function of immersion time for the PS films.