

The Elastic Mechanical Response of Nanoscale Thin Films of Miscible Polymer/Polymer Blends

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Supporting Information:

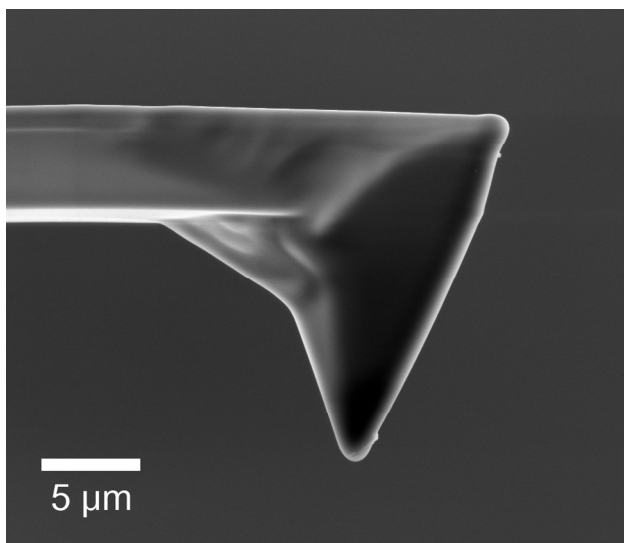


Figure S1. A SEM micrograph of the hemispherical AFM tip used in the current study.

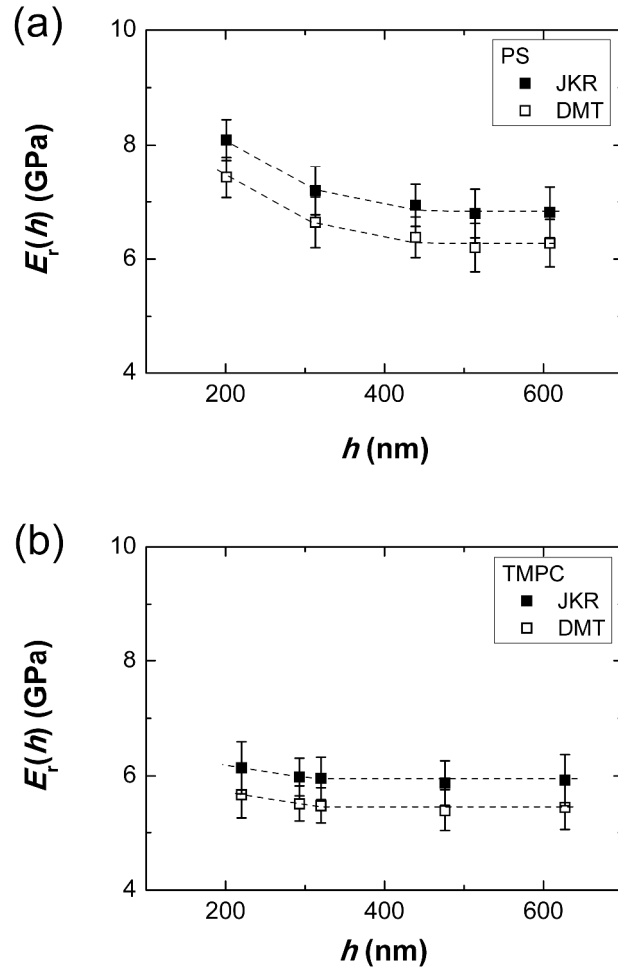


Figure S2. Effective reduced moduli, $E_r(h)$, for (a) polystyrene and (b) tetramethyl bisphenol-A polycarbonate estimated by fitting force-distance curves with two different elastic contact models; the JKR (filled squares) and the DMT (open squares). The maximum force, F_{\max} , was kept at a constant value of 400 nN for all the measurements. Each data point is an average of 15 nanoindentation measurements and dashed lines are guides for the eyes.