

Supplementary Materials (ESI) for Journal of Materials Chemistry  
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## Chain scission resists for extreme ultraviolet lithography based on high performance polysulfone-containing polymers†

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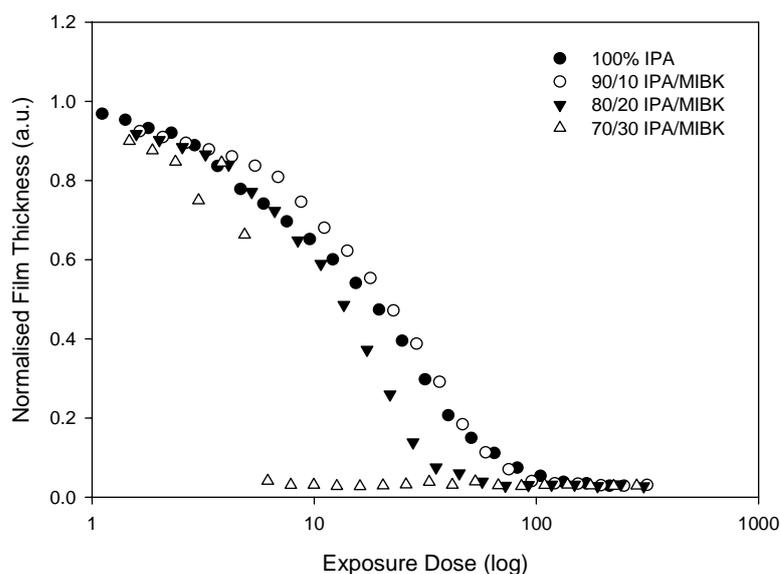
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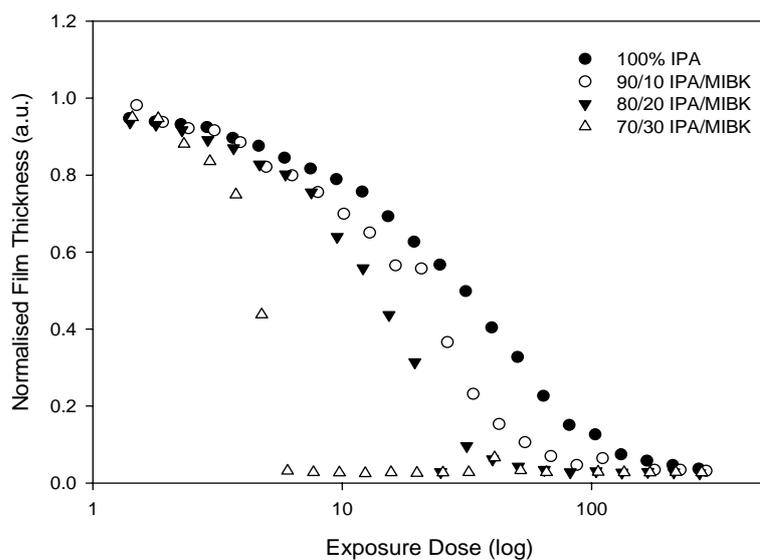
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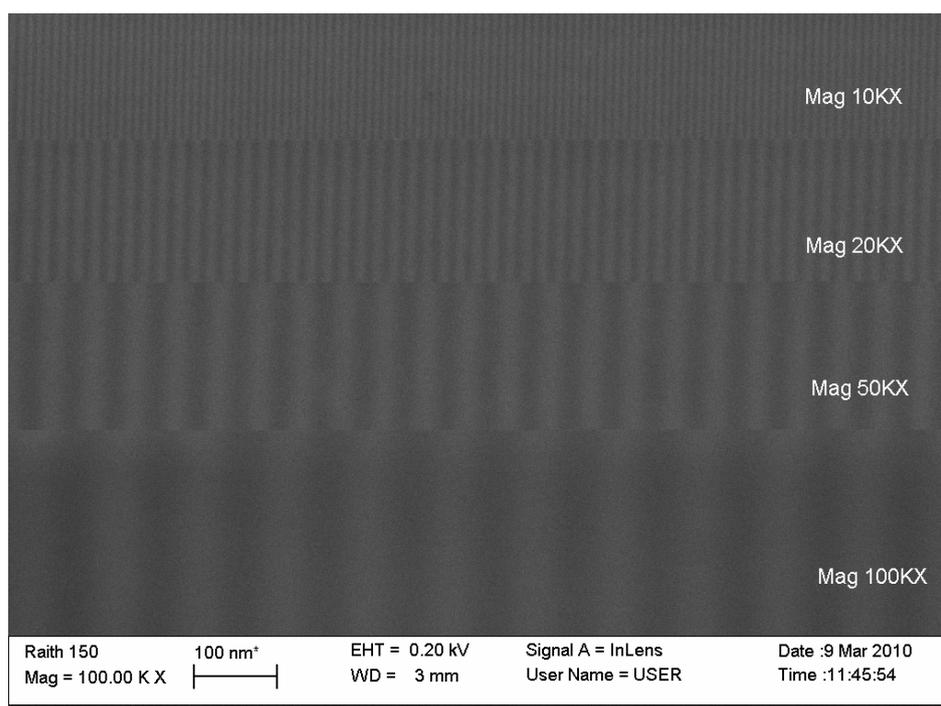
### Supplementary Information



**Figure S1.** Contrast curves obtained using a variety of solvent developers for material (2).



**Figure S2.** Contrast curves obtained using a variety of solvent developers for material (3a).



**Figure S3.** SEM image of poly(1-pentene sulfone) (2) 50 nm half pitch lines at magnifications 10 000  $\times$  to 100 000  $\times$ . Image blurring at high magnification results from rapid degradation of the material under the SEM's electron beam.