The Effect of the Isomeric Chlorine Substitutions on the Honeycomb-Patterned Films of Poly(x-chlorostyrene)s/Polystyrene Blends and Copolymers via Static Breath Figure technique

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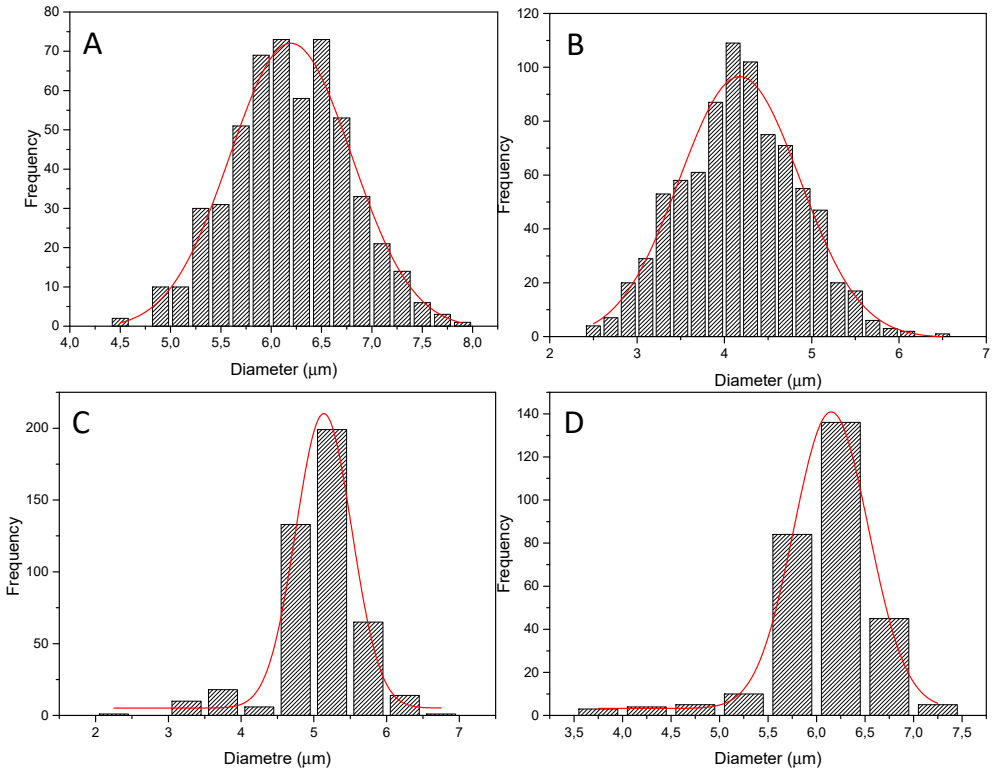

Figure S1. Pore size distribution in THF at 90%RH for: A) polystyrene, B) poly(2-chlorostryrene), C) poly(3-chlorostyrene) and D) poly(4-chlorostyrene).

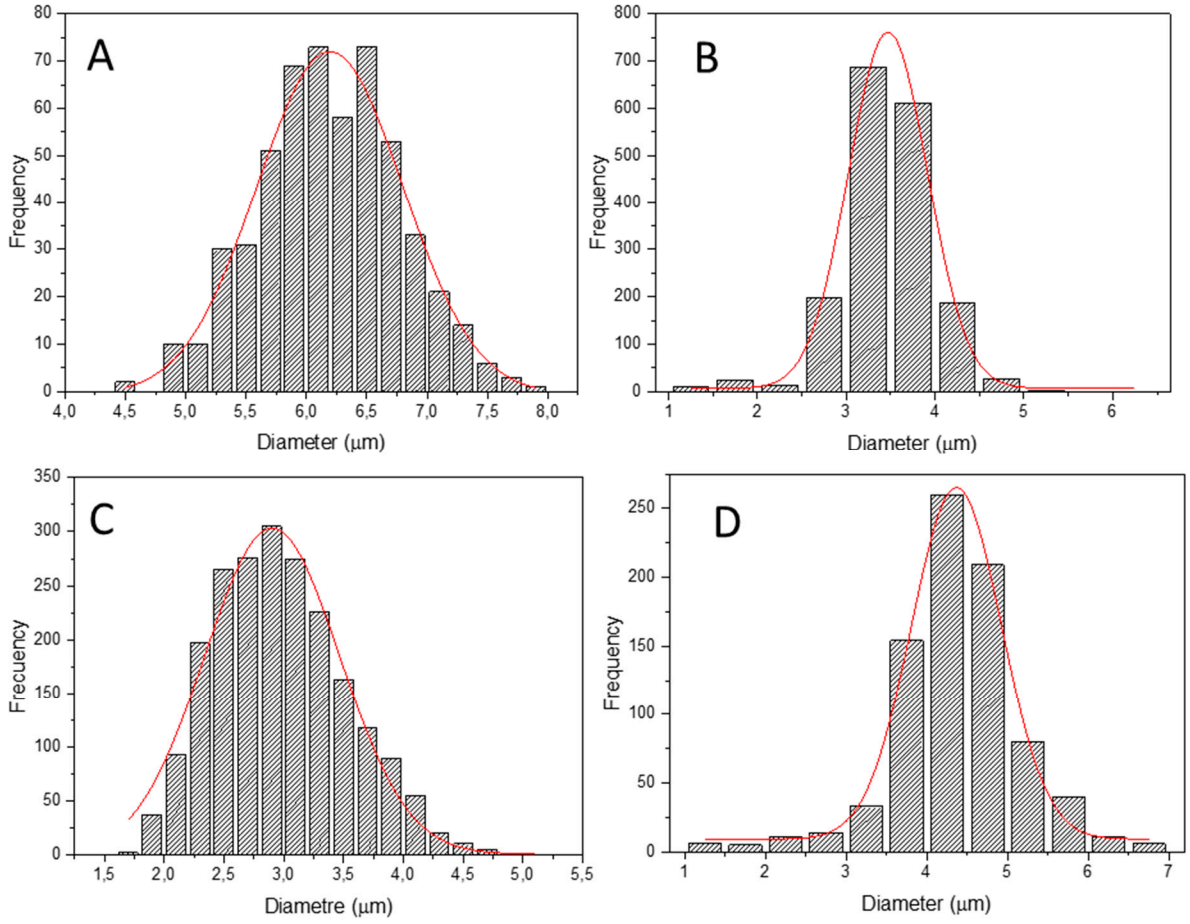

Figure S2. Pore size distribution in THF at 90%RH for: A) polystyrene, B) poly(2-chlorostryrene-co-styrene), C) poly(3-chlorostyrene-co-styrene) and D) poly(4-chlorostyrene-co-styrene).

Table S1. Glass transition temperatures of PS and P(xClS)s

Sample	Glass transition temperature (°C)
Polystyrene	105
Poly(2-chlrostyrene)	109
Poly(3-chlorostyrene)	84
Poly(4-chlorostyrene)	126

Table S2. Glass transition temperatures of P(S-co-xClS)s

Sample	Glass transition temperature (°C)
Polystyrene	105
Poly(2-chlrostyrene-co-styrene)	110
Poly(3-chlorostyrene-co-styrene)	99
Poly(4-chlorostyrene-co-styrene)	110

Table S3. Glass transition temperatures of PS/P(xClS) blends 90/10.

Sample	Glass transition temperature (°C)
Polystyrene	105
PS/P2ClS	89
PS/P3ClS	101
PS/P4ClS	90

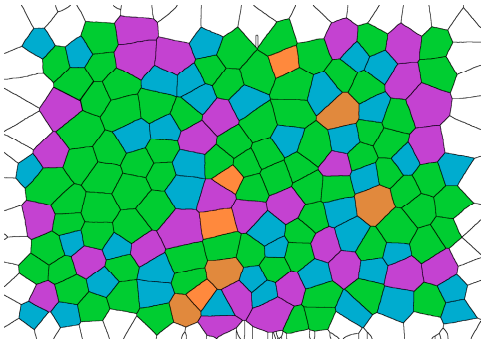

Figure S3. Voronoi tessellation for polystyrene/poly(3-chlorostyrene blend.(Orange=P_4, Blue=P_5, Green=P_6, Purple=P_7, Brown=P_8)