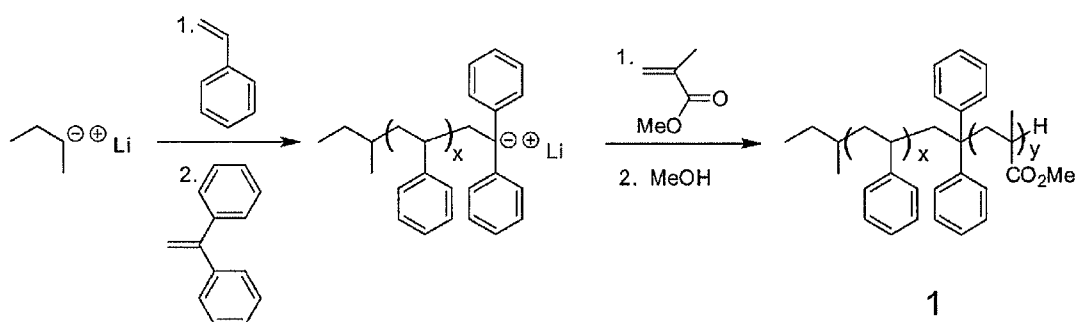


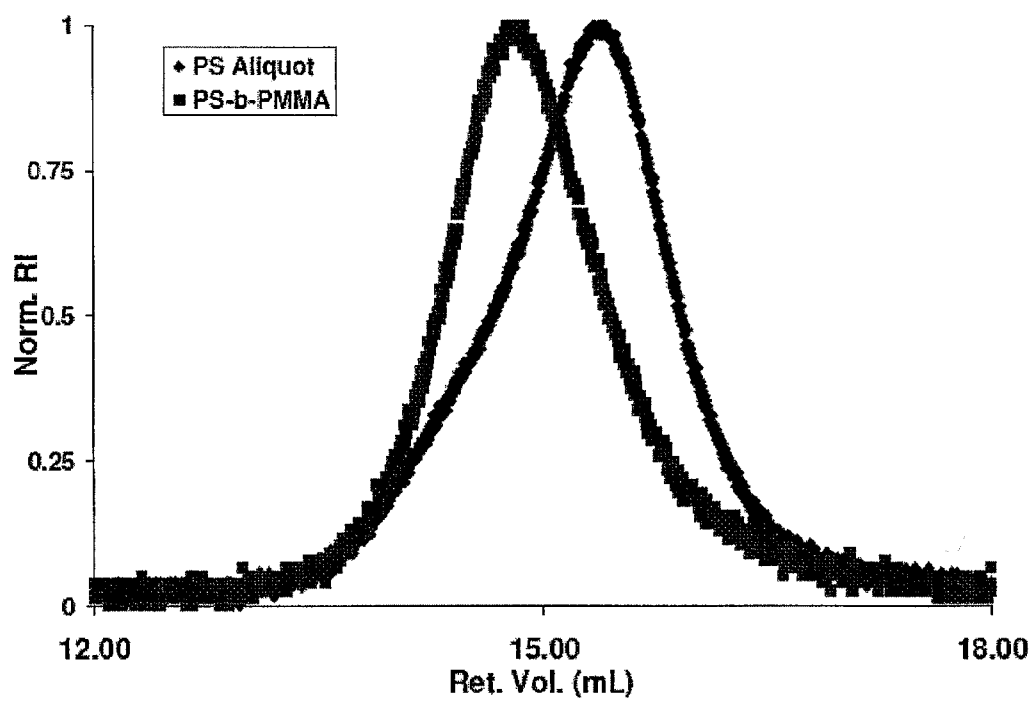
1/7

FIGURE 1



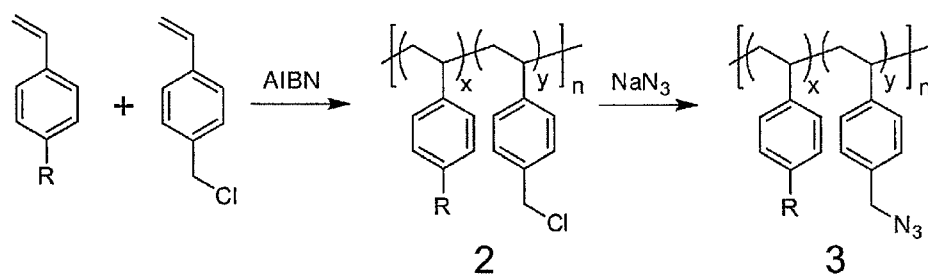
2/7

FIGURE 2



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FIGURE 3



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FIGURE 4

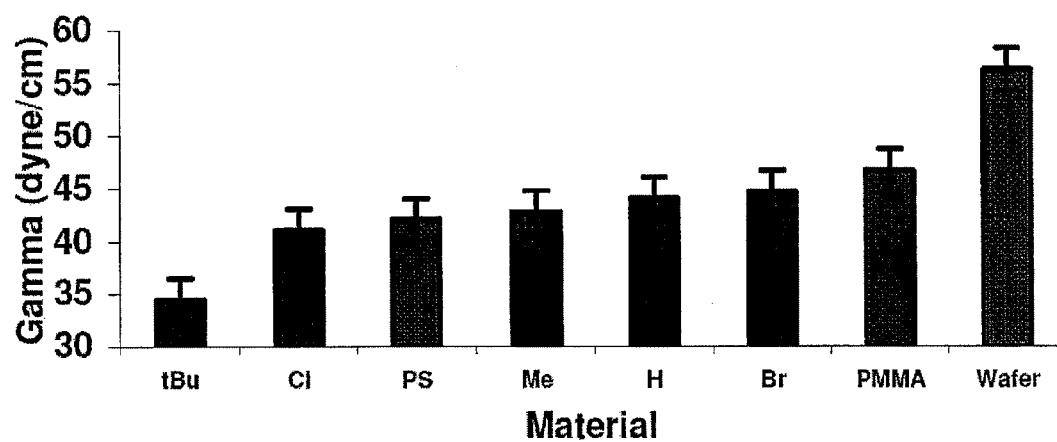


FIGURE 5

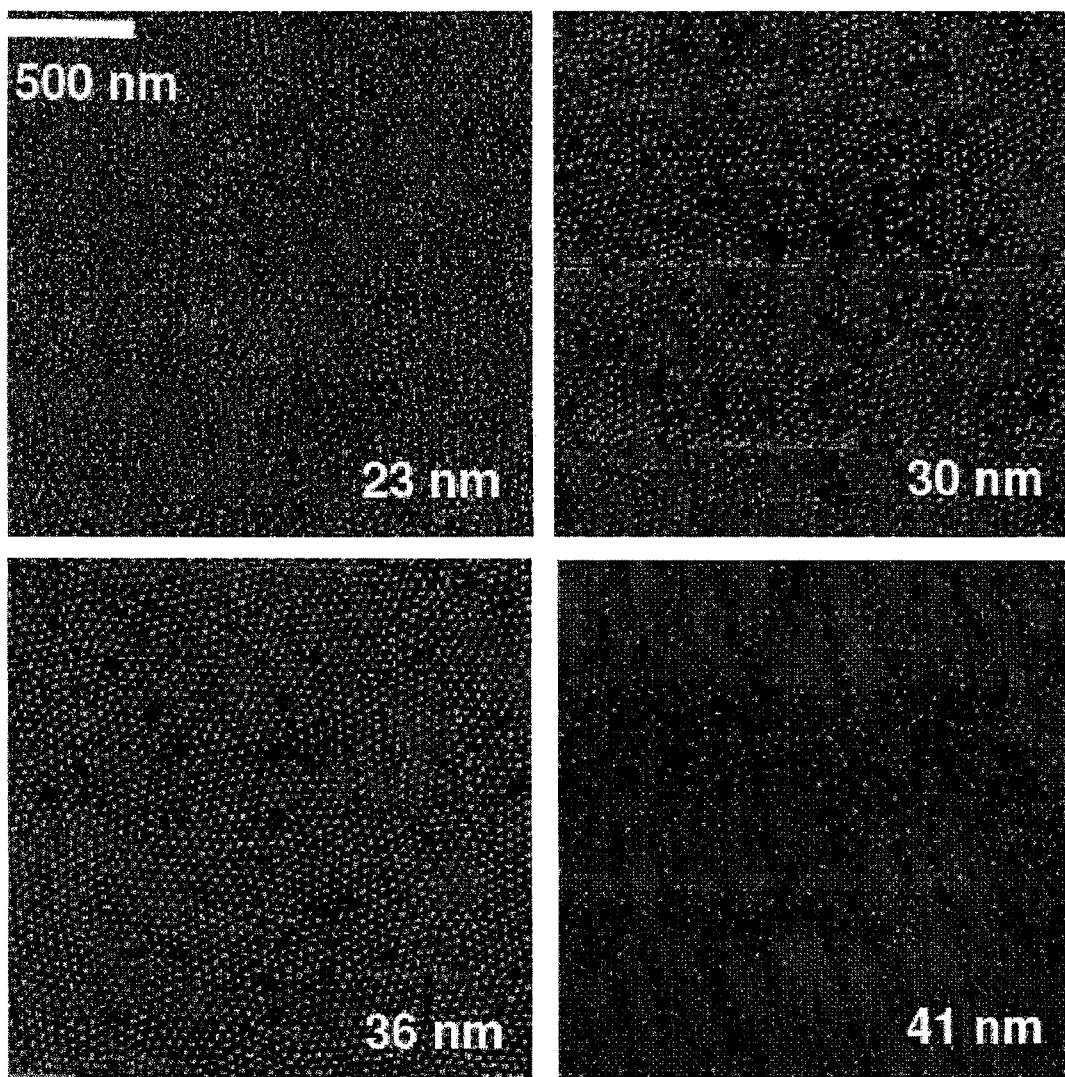


FIGURE 6

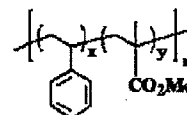
# Block Copolymers



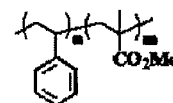
Homopolymer



Random copolymer



Block copolymer



Block copolymers have two or more segments of homopolymer subunits linked by a covalent bond.

This is in contrast to a random copolymer which has no defined sequence of the two monomers.

TABLE 1

| <b>R</b>   | <b>M<sub>w</sub> (kDa)</b> | <b>M<sub>n</sub> (kDa)</b> | <b>PDI</b>  | <b>%BnAz (<sup>1</sup>H-NMR)</b> |
|------------|----------------------------|----------------------------|-------------|----------------------------------|
| <b>H</b>   | <b>26.6</b>                | <b>15.5</b>                | <b>1.71</b> | <b>7.7</b>                       |
| <b>Cl</b>  | <b>30.2</b>                | <b>17.3</b>                | <b>1.75</b> | <b>8.9</b>                       |
| <b>Br</b>  | <b>38.1</b>                | <b>19.5</b>                | <b>1.95</b> | <b>5.0</b>                       |
| <b>Me</b>  | <b>36.6</b>                | <b>21.8</b>                | <b>1.68</b> | <b>8.1</b>                       |
| <b>tBu</b> | <b>32.0</b>                | <b>17.6</b>                | <b>1.81</b> | <b>7.0</b>                       |