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(54) Title: METHOD FOR FORMING ANTI-REFLECTIVE COATING

(57) Abstract: Silsesquioxane resins useful in forming the antireflective coating having the formula $(\text{PhSiO}_{(3-x)/2}(\text{OH})_x)_m \text{HSiO}_{(3-x)/2}(\text{OH})_x)_n (\text{MeSiO}_{(3-x)/2}(\text{OH})_x)_p (\text{RSiO}_{(3-x)/2}(\text{OH})_x)_q$ where Ph is a phenyl group, Me is a methyl group, R is selected from ester groups and polyether groups, x has a value of 0, 1 or 2; m has a value of 0.05 to 0.95, n has a value of 0.05 to 0.95, p has a value of 0.05 to 0.95, q has a value of 0.01 to 0.30 and $m + n + p + q \approx 1$.

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