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ABSTRACT OF THE DISCLOSURE

POROUS INSULATING COMPOUNDS AND COMPOSITION FOR MAKING SAME

A composition for forming a porous insulating compounds comprising at least one heat-activated, pore-forming, sacrificial material; and at least a dielectric material wherein the at least one dielectric material is a spin-on dielectric polymer selected from methylsilsesquioxane, hydrogensilsesquioxane, and mixed silsesquioxanes. Alternatively, the composition useful in making a porous insulator, comprises at least one heat-activated, pore-forming, sacrificial material; and at least one dielectric material, wherein the at least one heat-activated, pore-forming, sacrificial material is a norbornene-type polymer, which comprises repeating units of the general formula:-

