The chapter and electro-optical properties of morphoïd solids at low temperatures with low dielectric constant.

The section and electro-optical properties of the solid dielectric materials does not appear to have been affected by the hydrogenation status or by the matrix.

The electro-optical properties of the dielectric materials may be influenced by the matrix.

The electro-optical properties of the dielectric materials may influence the matrix.

The information is not clear due to the presence of some letters and symbols that are not legible.

An example of a new and interesting class of materials which can be prepared at room temperature by precipitation and polycrystallization of sol-melted compounds.

The dielectric response of porous silica aerogels prepared by precipitation.

CP 3891 1550 320 Carbon-Sesquioxide

A.A. da Silva, D.L. dos Santos and M.A. Regeuer

Dielectric Response of Silica Aerogels

As the temperature is lowered, the phase transition is expected to occur at a lower temperature. This is observed in the temperature dependence of the dielectric constant. The dielectric constant is measured using a polarization model and is shown in Figure 2.

Figure 2: Dielectric constant measured as a function of the temperature.
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ACKNOWLEDGMENTS

The work is supported by the French Ministry of Research and Culture.