

Modification of the Dielectric and Thermal Properties of Organic Frameworks Based on Nonterminal Epoxy Liquid Crystal with Silicon Dioxide and Titanium Dioxide

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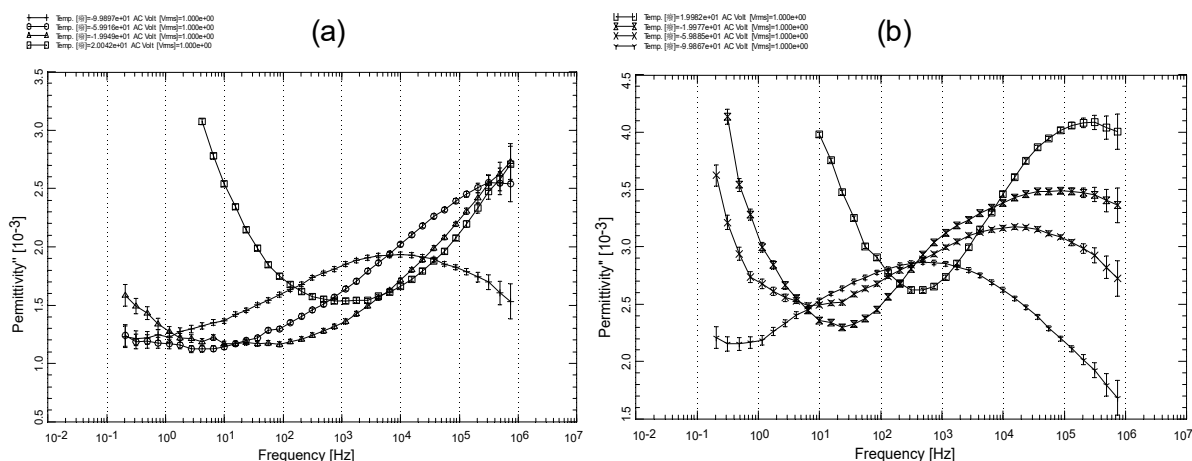


Figure S1. Examples of original results showing the imaginary component of complex dielectric permittivity along with measurement errors that depend on the temperature and frequency at which the measurement was made: (a) LCEN/SiO₂, (b) LCEN/TiO₂.

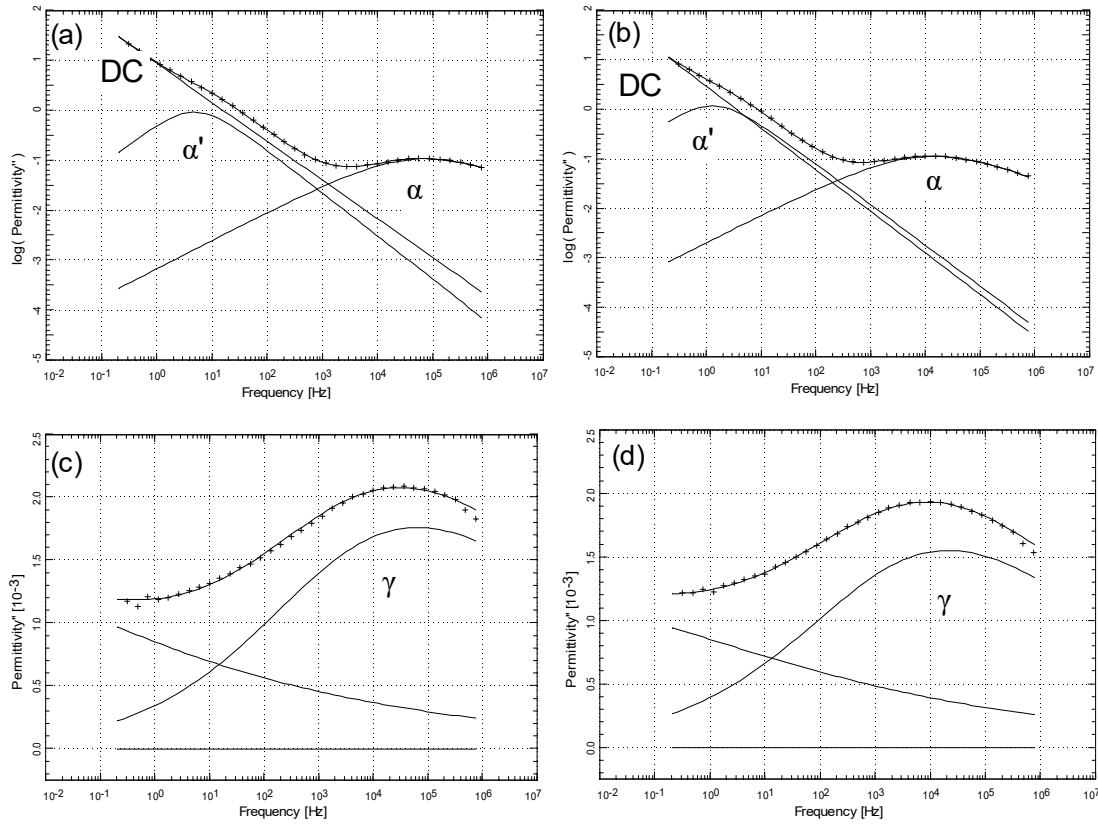


Figure S2. The examples of deconvolution of the imaginary component of complex dielectric permittivity (taken directly from WinFit software) for LCEN/SiO₂ for chosen temperatures: (a) 110°C, (b) 100°C, (c) -90°C, (d) -100°C.

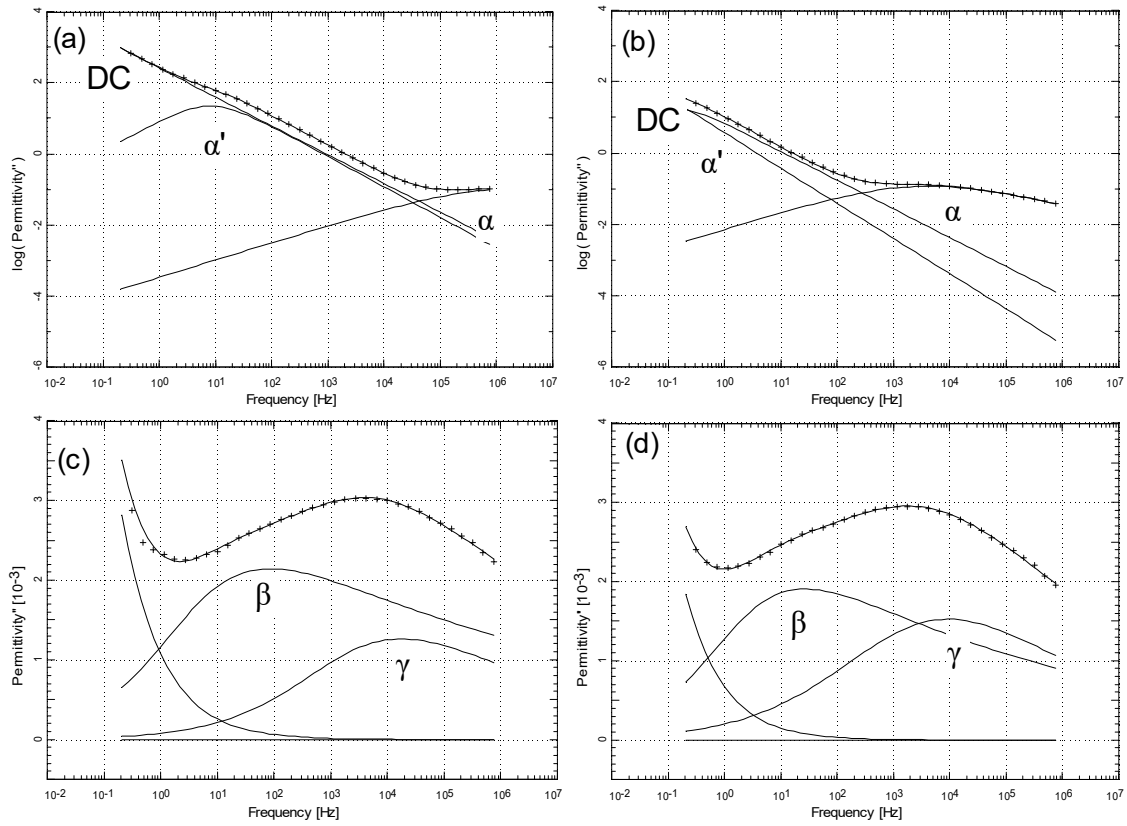


Figure S3. The examples of deconvolution of the imaginary component of complex dielectric permittivity (taken directly from WinFit software) for LCEN/TiO₂ for chosen temperatures: (a) 140°C, (b) 100°C, (c) -80°C, (d) -90°C.

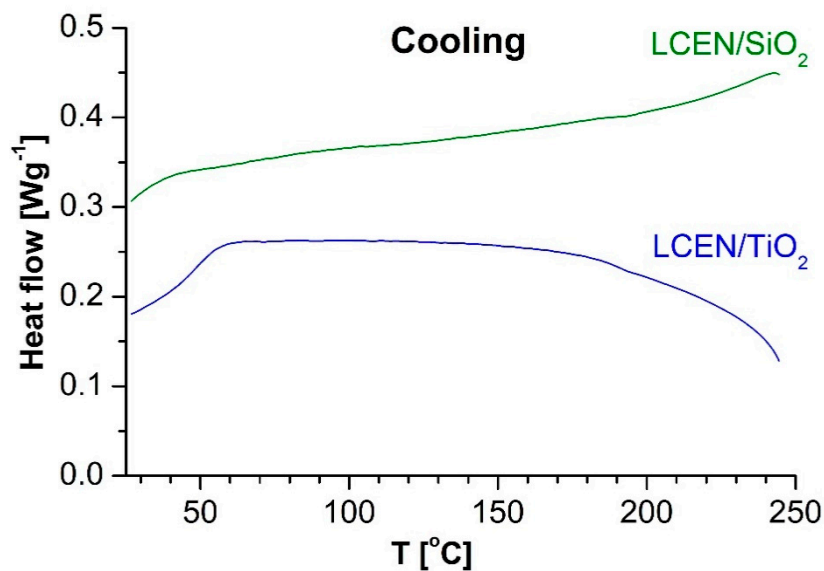


Figure S4. DSC thermograms for mixtures based on the investigated monomer cured with DDM and with SiO₂ or TiO₂ fillers - the cooling route occurred directly after curing process shown in Figure 1 (in main text).

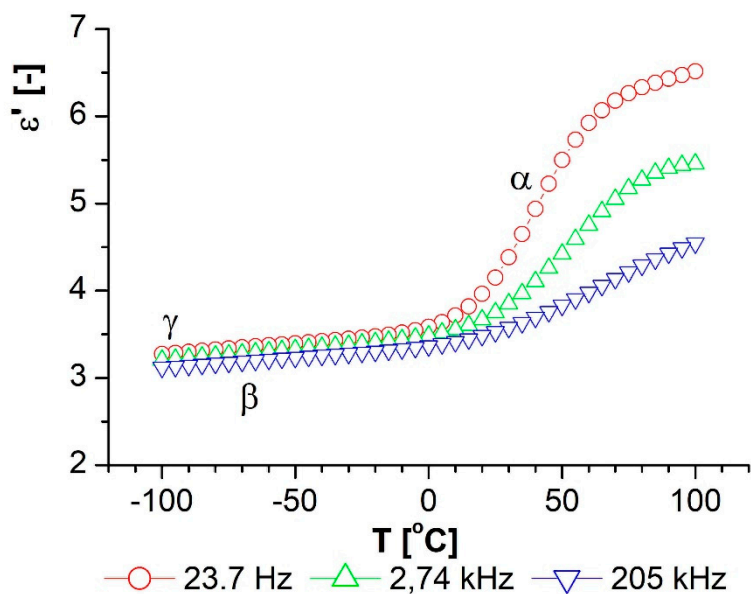


Figure S5. Examples of the real component of the complex dielectric permittivity at a few selected frequencies in LCEN.

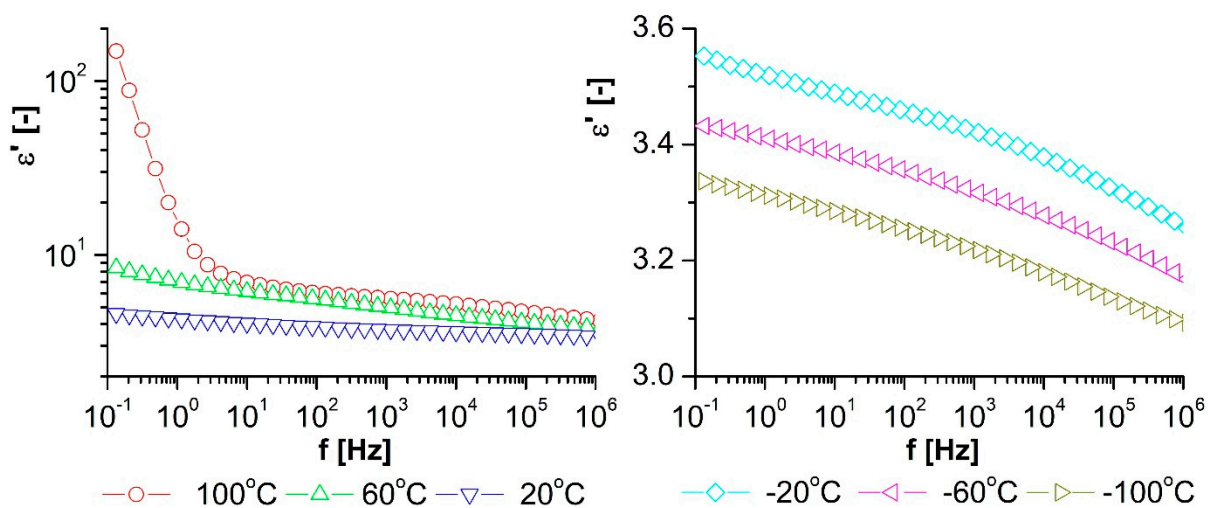


Figure S6. Examples of the real component of the complex dielectric permittivity at a few selected temperatures in LCEN. The plot on the right side enlarges the low-intensity region to emphasize the occurring relaxations.