

Strain memory in a fluorescent dye - doped elastomer

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=127909&lokasi=lokal>

Abstrak

We present the emission behavior of an elastic fluorescent material based on silicone doped with rhodamine 6G at 1.2×10^{-3} M. Fluorescence properties of the material are modified by deformation, suggesting possible use of the material as a strain sensor....