

Applied polymerization of PEDOT in a direct current discharge was ineffective: it's showed undesirable dielectric properties of material

Gil'man A.B.¹, Drachev A.I.¹, Belobrzeckaja-Kosta L.N.^{2*},
Del Borghi M.³, Fumagalli M.S.³, Costa Nicola B.⁴

¹*Enikolopov Institute, 117393, Moscow, Russia*

²*House of Scientists, 191186, St. Petersburg, Russia*

³*DICheP, Engineering Faculty, Genoa State University, Genoa, Italy*

⁴*Department of Chemistry, Genoa State University, Genoa, Italy*

*e-mail: belobrzeckaja@libero.it; plasma@ispm.ru

In the last three decades increasing demand for new polymers has evidenced in the area of “functional materials” projected for specific applications [1, 2]. One of the interesting modern material's PEDOT/PSS produced and characterized by well-known techniques according to ref.[3, 4]. Applied polymerization in a Direct-Current Discharge [5, 6] of PEDOT was ineffective and it's produced material which showed dielectric properties due to defects and breakdown of desirable structure of polymer.

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