

Electronic Supplementary Material

Effect of phase-separated structure on CO₂ separation performance of poly(amidoamine) dendrimer immobilized in a poly(ethylene glycol) network

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File name of the video: bicontinuous structure.mov

Short descriptive title: 3D reconstructed structure of PAMAM dendrimer containing polymeric membrane (PEG-rich phase)

Video legend: Formation of a bicontinuous structure upon polymerization-induced phase separation between PAMAM dendrimer and PEG matrix. PEG-rich phase was colored while PAMAM dendrimer-rich phase left empty.

Keywords: 3D structure, phase separation, polymeric blend, CO₂ separation, membrane, PAMAM dendrimer, PEG