

ordered co-continuous double gyroid morphology

Co-continuous morphology in which a set of two gyroid-based phase domains exhibits a highly regular, three-dimensional lattice-like morphology with Ia3d space group symmetry.

Notes:

1. The domains are composed of tripoidal units as the fundamental building structures.
2. The two domains are interlaced.

Source:

PAC, 2004, 76, 1985 (*Definition of terms related to polymer blends, composites, and multiphase polymeric materials (IUPAC Recommendations 2004)*) on page 2004