

monolith

Shaped, fabricated, intractable article with a homogeneous microstructure which does not exhibit any structural components distinguishable by optical microscopy.

Note:

The article is usually fabricated by cold pressing or hot pressing of a polymeric material, or by using a reactive processing technique such as reaction injection moulding, crosslinking, sol-gel processing, sintering, etc.

Source:

PAC, 2007, 79, 1801 (*Definitions of terms relating to the structure and processing of sols, gels, networks, and inorganic-organic hybrid materials (IUPAC Recommendations 2007)*) on page 1812