

chemical functionality

Ability of functional groups present within a polymer or polymer network to participate in chemical reactions.

Note:

The chemical functionality of a network formed by a sol-gel process from a precursor such as $(\text{RO})_3\text{Si}-\text{CH}=\text{CH}_2$ is that of the vinyl group.

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 1804