

regular polymer

A polymer composed of regular macromolecules, regular star macromolecules or regular comb macromolecules. A polymer consisting of star macromolecules with arms identical with respect to constitution and degree of polymerization is considered to be regular; **See:** star macromolecule, [note 2]. Analogously, a polymer consisting of comb macromolecules with the sub-chains between the branch points of the main chain and the terminal sub-chains of the main chain identical with respect to constitution and degree of polymerization and the side-chains identical with respect to constitution and degree of polymerization is considered to be regular; **See:** comb macromolecule, [note 1].

Source:

PAC, 1996, 68, 2287 (*Glossary of basic terms in polymer science (IUPAC Recommendations 1996)*) on page 2302