

ladder macromolecule

A double-strand macromolecule consisting of an uninterrupted sequence of rings, with adjacent rings having two or more atoms in common. Alternatively, a ladder macromolecule is a double-strand macromolecule with constitutional units joined to each other through four atoms, two on one side and two on the other side of each constitutional unit.

Source:

PAC, 1996, 68, 2287 (*Glossary of basic terms in polymer science (IUPAC Recommendations 1996)*) on page 2295