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Including a preorganized macrocyclic host ...

... in a self-recognizing monomer and using fullerenes as guests leads to supramolecular polymers with a very high degree of polymerization. E. M. Pérez, N. Martín, and H. Isla show in their Communication on page 5629 ff. that molecular weights above 150 kDa were determined in solution, whereas up to 90 kDa could be detected through MALDI-TOF mass spectrometry. Very long and straight fibers of lengths in the micrometer range were observed by atomic force microscopy.

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