

Alignment in Mechanically Stressed Gels

Pores are deformed into ellipsoids leading to weak and “tunable” alignment of solutes

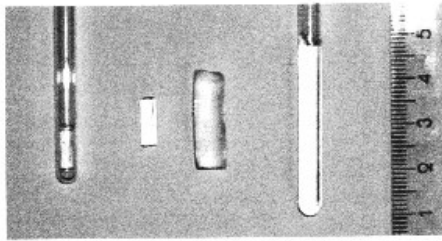
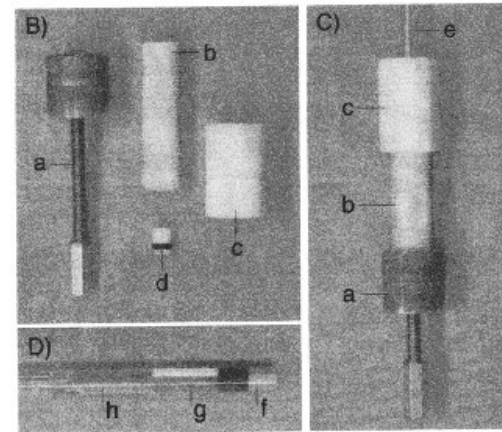
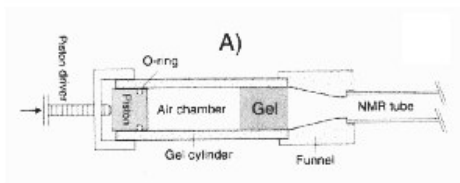


Figure 1. Photograph of the cross-linked PS stick in different states of swelling. From left to right: unswollen polymer stick in a standard 5-mm NMR tube, polymer stick directly after polymerization, free polymer stick completely swollen, polymer stick swollen in the NMR tube.

Polystyrene Swelling



Polyacrylamide stretching

