
Dorota Neugebauer, Matthieu Theis, Tadeusz Pakula, Gerhard Wegner
Max Planck Institut for Polymer Research, P.O. Box 3148, D-55021 Mainz, Germany

Krzysztof Matyjaszewski
Department of Chemistry, Carnegie Mellon University, Pittsburgh, PA 15213

Thermal properties and X-ray analysis of the gradient copolymers.

Figure S1. DSC thermograms recorded during cooling (a) and heating (b) for the gradient copolymers incorporating PEO and OD side chains. The traces for homopolymers are shown by thick lines.
Figure S2. Composition dependencies of crystallization (Tc) and melting (Tm) temperatures (a) and melting enthalpies (b) for the brush homopolymers and gradient copolymers of PEOMA and ODA.

Figure S3. X-ray diffractograms for gradient copolymers with various contents of components.
Polarized optical microscopy (POM).

**Figure S4.** POM images for PPEOMA (II) crystallized from the melt at 9°C (a) and at 4.5°C (b) and isothermally crystallized after 6 min at 15°C (c) and 10°C (d). White bar represents 100 µm.