

## **soft-segment phase domain**

Phase domain of microscopic or smaller size, usually in a block, graft, or segmented copolymer, comprising essentially those segments of the polymer that have glass transition temperatures lower than the temperature of use.

Note:

Soft-segment phase domains are often larger than hard-segment phase domains and are often continuous.

### **Source:**

PAC, 2004, 76, 1985 (*Definition of terms related to polymer blends, composites, and multiphase polymeric materials (IUPAC Recommendations 2004)*) on page 2002