

miscible polymer blend
homogeneous polymer blend

Polymer blend that exhibits miscibility.

Notes:

1. For a polymer blend to be miscible, it must satisfy the criteria of miscibility.
2. Miscibility is sometimes erroneously assigned on the basis that a blend exhibits a single T_g or optical clarity.
3. A miscible system can be thermodynamically stable or metastable.
4. For components of chain structures that would be expected to be miscible, miscibility may not occur if molecular architecture is changed, *e.g.*, by crosslinking.

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