

## ferroelectric polymer

Polymer in which spontaneous polarization arises when dipoles become arranged parallel to each other by electric fields.

Notes:

1. **See also:** ferroelectric transition.
2. Poly(vinylidene fluoride) after being subjected to a corona discharge is an example of a ferroelectric polymer.

### **Source:**

PAC, 2004, 76, 889 (*Definitions of terms relating to reactions of polymers and to functional polymeric materials (IUPAC Recommendations 2003)*) on page 899