

## electroluminescent polymer

Polymeric material that shows luminescence when an electric current passes through it such that charge carriers can combine at luminescent sites to give rise to electronically excited states of luminescent groups or molecules.

Notes:

1. Electroluminescent polymers are often made by incorporating luminescent groups or dyes into conducting polymers.
2. Electrogenerated chemiluminescence directly connected with electrode reactions may also be called electroluminescence.

**Source:**

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