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dopant

Charge-transfer agent used to generate, by oxidation or reduction, positive or negative charges in an intrinsically conducting polymer.
Note:
Examples of dopants include AsF_5 or I_2 as oxidizing agents, generating cation radicals on the chains of an intrinsically conducting polymer (so-called holes), or a solution of sodium naphthalenuidyl in tetrahydrofuran as a reducing agent, generating anion radicals on the chains of an intrinsically conducting polymer.

Source:
PAC, 2006, *78*, 2067 *(Terminology of polymers containing ionizable or ionic groups and of polymers containing ions (IUPAC Recommendations 2006))* on page 2069

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