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An organic solar cell (OSC) or plastic solar cell is a type of photovoltaic that uses organic electronics, a branch of electronics that deals with conductive organic polymers or small organic molecules, for light absorption and charge transport to produce electricity from sunlight by the photovoltaic effect. The absolute necessary for measuring temperature with large accuracy and with a wide range in various industrial sectors increases the need for researcher to choose a suitable material, which is useful especially in bio-medical applications, food packaging and air conditioning system. The process consists of three stages, namely jet initiation, elongation, and solidification into a nanofiber. The working principle behind electrospinning is the electrostatic charging of a droplet of polymer solution held at the tip of a fine capillary overcoming the surface tension holding the droplet. Types. pH sensitive polymers can be broken into two categories: those with acidic groups (such as -COOH and -SO₃H) and those with basic groups (-NH₂), Physical Aspects Of Polymer Self-Assembly.

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