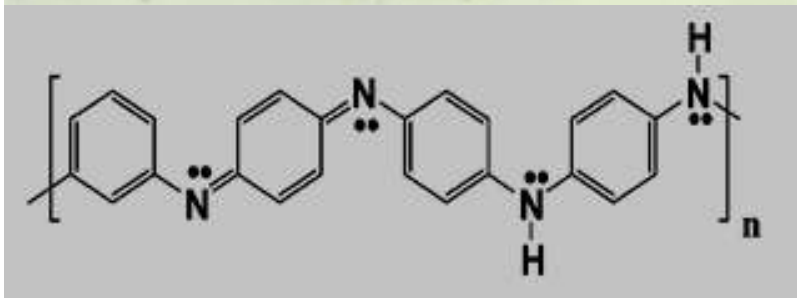


Polyaniline (Undoped, Insulating Polymer)



Representative structure of polyaniline base

Synonyms : Insulating Polyaniline, Polyaniline-base.

Appearance : Dark Brown Powder

Conductivity ($\text{ohm}^{-1}\text{cm}^{-1}$) $< 10^{-10}$

Moisture content (wt %) $\approx 4 - 6$

Working Temperature : 100 °C

Maximum Processing Temperature : 300 °C

Degradation Point : 350 °C

Particle size : 1 – 100 microns

Solubility : Soluble in high polar solvents such as N-methyl pyrrolidone (NMP), m-cresol, dimethylformamide.

Melting point and Glass transition temperature : No melting and glass transition point. It degrades before melting – infusible.

Safety : Use personal protective equipments such as eye-shield, gloves, respiratory mask etc.

Minimum pack : 25 gm.

Other Packs : 50 gm, 100 gm, 500 gm, 1 Kg.

Request a Quote : psomani1@yahoo.com

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