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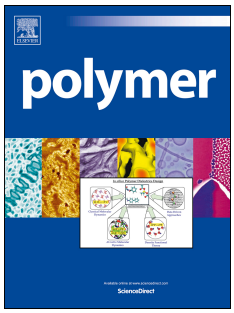

Cationic scavenging by polyaniline: Boon or bane from synthesis point of view of its nanocomposites

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PII: S0032-3861(18)30600-1

DOI: 10.1016/j.polymer.2018.07.005

Reference: JPOL 20724

To appear in: *Polymer*

Received Date: 18 March 2018

Revised Date: 2 June 2018

Accepted Date: 1 July 2018

Please cite this article as: Kumar V, Manomaisantiphap S, Takahashi K, Goto T, Tsushima N, Takahashi T, Yokozeki T, Cationic scavenging by polyaniline: Boon or bane from synthesis point of view of its nanocomposites, *Polymer* (2018), doi: 10.1016/j.polymer.2018.07.005.

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Graphical Abstract

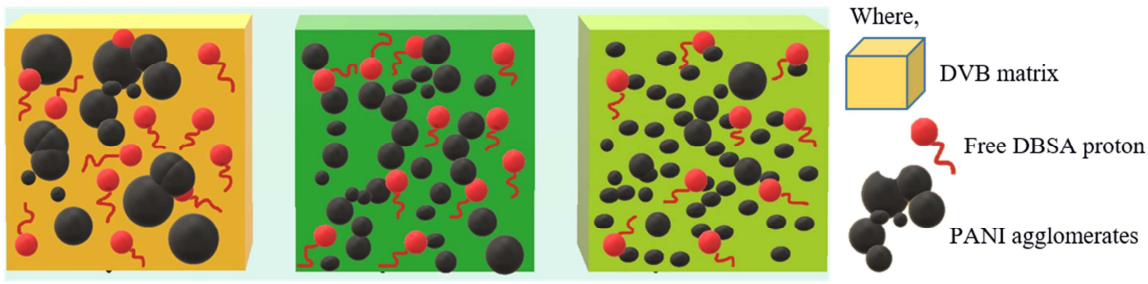

Figure 1. Dispersion behavior representation of PANI agglomerates in PANI-DBSA/DVB matrices (a) at low doping state (b) at optimum doping state (c) at high doping state of PANI.

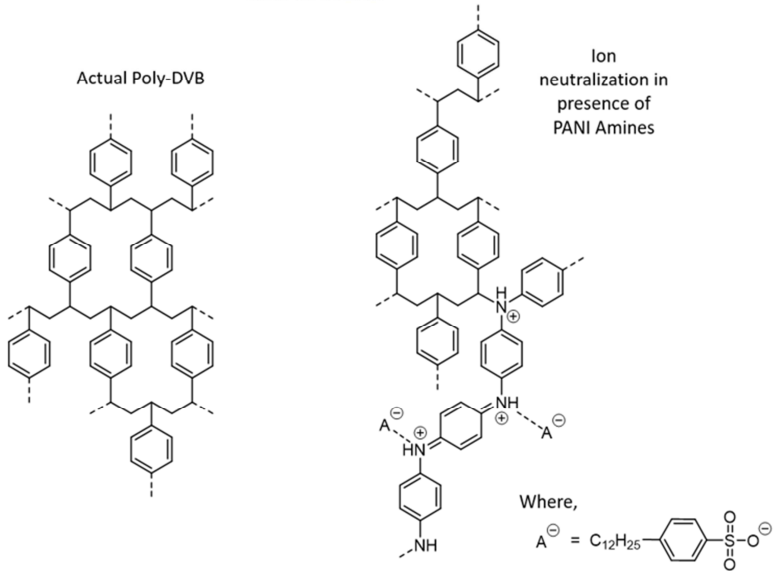

Figure 2. Plausible mechanism of Poly-DVB saturation in presence of PANI amines with better dispersion.