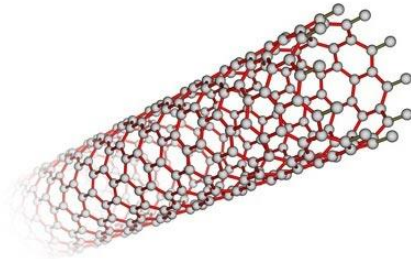


Dispersions of Carbon Nanotubes energized by LANXESS!

The Challenge: Industrial Usage of Carbon Nanotubes



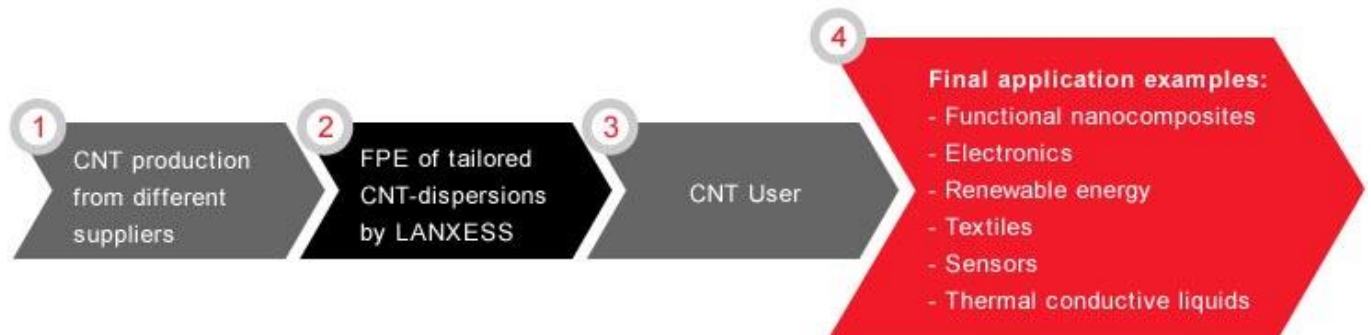
During the production process of carbon nanotubes the material becomes entangled and the cylindrical tubes create agglomerates.

Agglomerates, however, prevent the transfer of the extraordinary properties of carbon nanotubes to the application. An additional step is therefore necessary to form a homogeneous mixture of highly dispersed and stabilized tubes.

LANXESS Fills This Gap! With “formulated product engineering” of tailored carbon nanotube dispersions.

To fulfill the requirements of your end-user a specific level of dispersion is needed. **Our technique allows the creation of aqueous CNT-dispersions with different quality levels.** We proved this context by investigating the performance in NBR/CNT-composite exemplary with different energy levels (levels of dispersion).

Thanks to Rhein Chemie's international manufacturing units **we offer worldwide customer-oriented solutions for facilitating the industrial usage of CNTs.**



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MORE INFORMATION UNDER:

<http://cnt.lanxess.com>