

Re: nanotube composite

Source: <http://sci.tech-archive.net/Archive/sci.materials/2004-06/0572.html>

From: Havirrion (havirrion_at_NOblueDAMNyonderSPAM.co.uk)

Date: 06/27/04

Date: Sun, 27 Jun 2004 15:30:56 GMT

David Deuchar wrote:

> "Havirrion" <havirrion@NOblueDAMNyonderSPAM.co.uk> wrote in message
> news:jonDc.3760\$PZ4.40338565@news-text.cableinet.net...

>

>>Uncle Al wrote:

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>>>Havirrion wrote:

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>>>><http://www.nature.com/nsu/021007/021007-13.html>

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>>>>This stuff was reported on some time ago yet evert attempt I have made
>>>>to find out more has been a dead end. The physical properties the
>>>>article mentions are just incredible, and I wonder about the credulity
>>>>of it all.

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>>>The hot spin is continuous synthesis of nanotubes (flowing inert gas,
>>>organic feedstock, a little methanol, a trace of vaporized ferrocene
>>>as catalyst, then pyrolyze and grab growing fiber like cotton candy)
>>>then prepreg with aqueous poly(vinyl alcohol), spin to multi-filament
>>>fiber, and pyrolyze that.

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>>>It works in the lab and the claimed material properties are awesome.

>>>The real world is commercialization. It didn't take Kevlar and

>>>Spectra very long to have major impacts upon steel cable and high-end
>>>sails. Nano-stuffs remain commercial orphans.

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>>>If you can't sell it to a consortium of stupendously wealthy fanatics

>>>lusting after the Americas Cup/Louis Vuitton Cup, you ain't got

>>>nothing.

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>>Sure there are niche markets and that is how a lot if this kind of stuff