

Carbonia(!): fake or reality?

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Hi all,

pls have a look at this link:

<http://physicsweb.org/articles/news/10/6/7/1?rss=2.0>

at the specified p and T it seems to be stable the analogous form of alpha-silica with carbon instead of silicon.

What do you think about?

Should that be stable against hydrolysis by moisture?

If not, should a diamond film deposition on its surface be feasible, 'cause if yes it may help an overall stabilization of that material, preserving its main optical properties?

Could in your opinion a a suited monocrystal be obtained and, if so in a pure enantiomeric form?

Best regards,
Angelo

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