

Название публикации:

Limitations of the Fluorination of Graphene on a Substrate

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Аннотация:

The experimentally observed incomplete fluorination of graphene ($CF(x)$, $x \leq 0.2-0.3$) on a smooth substrate has been explained. It has been shown that fluorine atoms are covalently attached primarily to scanty folds or to defects of graphene on one of its free sides.

Ключевые слова:

Carbon nanotubes; surface; atoms; pairs