

WS₂/C Nanocomposites Reviewed

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Whilst generating nanotubes with modified material properties, multiwalled carbon nanotubes (MWCNs) were found to be capable of acting as templates for WS₂ nanotube growth. The MWCNs, coated with WO₃ by heating a mixture of MWCNs and a tungsten oxide precursor, i.e., H₂WO₄, were then sulphidised at 900°C in order to convert the WO₃ into WS₂ layers.