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## **Ocsial: Expanded Production of Graphene Nanotube Suspensions in China to Upgrade Coatings**

2024-03-25

Nan Chang Xinsu Nano Materials, Ocsial's OEM in China, has launched a new production line for waterborne graphene nanotube suspensions.

The ready-to-use solutions based on graphene nanotubes are specifically designed for the manufacture of various types of high-performance conductive coatings made of epoxy, acrylic, polyester, polyurethane, and latex, as well as anti-static thermoplastic products.

The nanotube dosage, combined with its properties and liquid form, make it possible to produce more functional, sustainable, and environmentally friendly products without significant adjustments in the manufacturing process. The key properties granted by nanotubes are a permanent, stable surface resistivity of 105–108 Ohm/sq independent of humidity and temperature, maintained mechanical properties, absence of free carbon particle release to the material's surface, bright colors, and a transparency of up to 90%—all these make graphene nanotubes the ultimate solution for high-performance sustainable coating products.

### **Stability of the manufacturing and supply chains**

Ian Fellows, CEO, [Ocsial USA](#), said: "Nanotube-empowered coatings are already well explored by manufacturers worldwide, a testament to the unrivaled added value of the product and much simplified technological process compared to conventional solutions." Applications include automotive polyurethane synthetic leather for anti-dust, more durable, safer interiors; anti-static latex coatings for ESD protective wear that fully complies with EN 16350; PET protective film coatings for packaging; gloves with touchscreen compatibility; and anti-static thermoplastic articles.

The launch of the new production line by Nan Chang Xinsu Nano Materials has increased suspension production capacity, contributing to the stability of the manufacturing and supply chains. “Coupled with continuous customer support services worldwide, it will also speed up technology adoption and improve the cost-efficiency and accessibility of nanotubes for our customers,” said Zhi Loyes, General Manager of Greater [China](#) and SEA at Ocsial.

Read the [original article](#) on European Coatings.