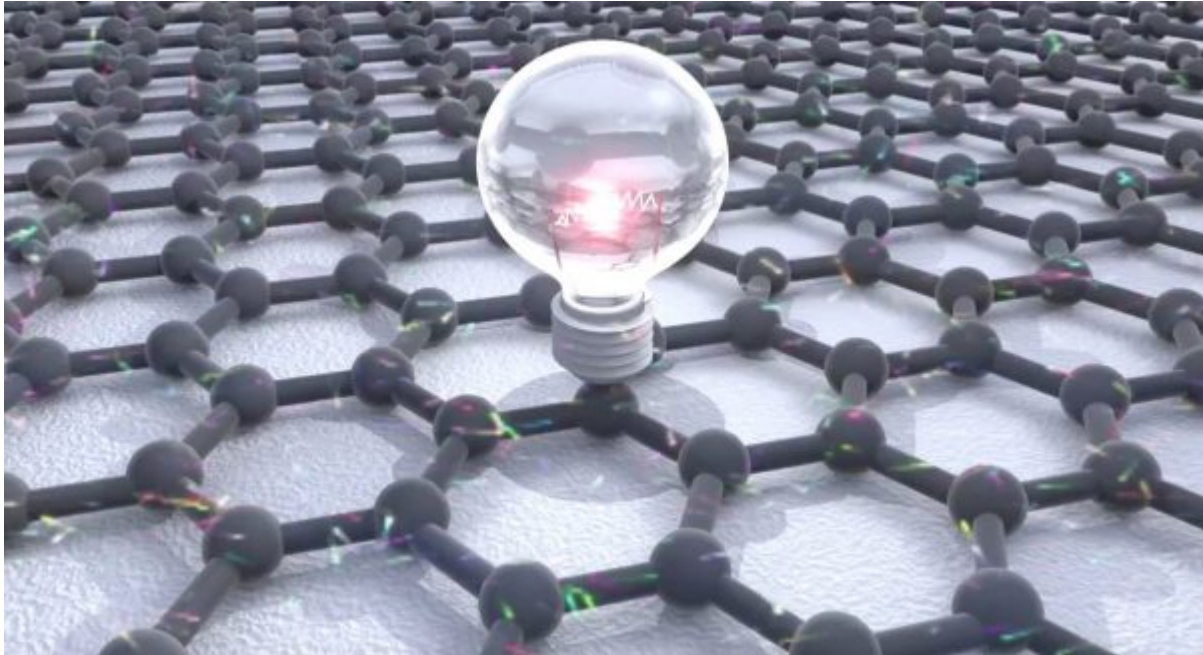


TenCate wants graphene solution

Friday, 21 October 2016



Imagine IM, based in Rosebery, New South Wales in Australia, has signed a memorandum of understanding with TenCate Geosynthetics to develop and demonstrate a modified imgne X3 coating for a specific range of polypropylene nonwoven geotextiles.

This is a logical next step for Imagine IM as the company continues to commercialise graphene through the development of coatings and compound materials for industrial textiles.

TenCate is the current leader in nonwoven geotextiles, with an estimated 15 per cent market share but does not currently offer a 'leak-detection' product. Imagine IM aims to prove that imgne X3 can be modified to be effective when coated on polypropylene geotextiles, so that TenCate can determine whether entry into the leak-detection market is warranted.

Imagine IM is focused on developing functionalised graphene to deliver conductivity to textiles and synthetic materials for industry and consumer applications, enabling materials to both sense and communicate information about stress, temperature and moisture.

Leak detection is the first commercial application that the company has delivered through the release of its imgne X3 coating which is being used by Geofabrics Australasia. Once there is full market take up in Australia of Bidim geofabrics with imgne X3 there will be a continuing year-on-year demand of between two and 10 tonnes of functionalised graphene in Australia alone. Australia represents approximately 3% of the global market for leak detection products.

Imagine IM is also developing graphene-based coatings and compounds to deliver static dissipation for packaging and other industrial applications.

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