

Dow and Thong Guan introduce sustainable plastic stretch cling films

29 July 2020 | News

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Plastic product made from bio-based resins, achieving high performance while reducing carbon footprint

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This marks a milestone in the region's commercialization of a plastics offering made from renewable feedstock, enabling industry providers to produce high-performance plastics while reducing carbon footprint.

In a joint effort, Thong Guan will be using Dow's bio-based resin derived from renewable feedstock. The feedstock comes from tall oil, a residue of paper production, from sustainably managed forests. Unlike other alternative renewable feedstocks, it does not compete with the human food chain, and no extra land is required for its production. Dow uses a [mass balance](#) approach, which encourages the use of renewable feedstock, by supporting sustainable systems for producing plastic. This approach enables the industry to transition away from its dependency on fossil fuels as a feedstock.

Nano Bio, the new range of stretch cling films by Thong Guan, will be made using Dow's linear low-density polyethylene, ELITE™ 5230GC R Enhanced Polyethylene Resins. Without compromising on quality, the new bio-based stretch cling films will support brand owners in addressing Asia Pacific's increasing demand for renewable plastics.

Over the decades, Thong Guan has rapidly moved up the value chain to diversify its product range from manufacturing and trading beverages to flexible packaging for industrial and commercial use. Today, it is one of the largest manufacturers of plastic packaging products in Malaysia and fastest growing companies in Asia Pacific.