

## Faster Colour Changes with New Improved Dyna-Purge F: Cost Effective Solution for the Bigger Machines

CJP Sales Ltd and Shuman Plastics Inc have recently introduced new and improved Dyna-Purge F to the range of grades available in the UK and Ireland.

Used predominantly by the automotive industry in the USA, when fast and effective colour changes are required for large injection moulded components, Dyna-Purge F is designed where frequent colour changes are required. It is a non-abrasive, non chemical thermoplastic purging compound with a proprietary additive, formulated to flow naturally through the barrel and hot runner system of an injection moulding machine. It is effective through a wide temperature range 160°C to 302°C.

Reducing waste is a primary objective for plastic processors whether that is in the form of time or materials. Dyna-Purge is simple to use and requires no condition setting changes and works to prevent downtime and scrap rates. Sales on Dyna-Purge F are increasing month on month as processors see the benefits.

CJP Sales Ltd work closely with processors providing training and purging solutions. You can contact CJP to provide a "Cost to Purge" evaluation and the opportunity to sample Dyna-Purge and receive purging procedures tailored to your process.

Dyna-Purge is a registered trademark of Shuman Plastics, Inc.



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## Lightweight Barrier Bottle from Amcor Rigid Plastics Delivers Sustainability Benefits for Cost-Conscious Airlines

Societe de Vin Internationale LTEE, a leading supplier of fine wines, beers and alcomalts, based in Canada, has made its debut in plastic packaging, reportedly introducing the first 1l PET wine bottle for the North American airline industry. The lightweight PET barrier container, supplied by Amcor Rigid Plastics, a world leading producer of PET packaging, gives cost-conscious airlines a high-quality option that mimics glass, while also delivering reduced fuel consumption and a cost saving over its glass predecessor.

Air Transat charter airline in Montreal, one of Canada's largest charter airlines, adopted the use of a lightweight 1l PET wine bottle for sustainability advantages, according to Aldo Geloso, an executive with Societe de Vin Internationale: "We introduced the concept and they quickly came on board because of a vital need to reduce weight on their aircraft and consequently reduce fuel costs."

On the retail side, lightweight PET significantly reduces freight costs and enables manufacturers to reduce their environmental footprint by cutting the amount of packaging, thus reducing the volume of waste being sent to landfills.

The 1l bottle is a first in this format for Amcor, which previously developed smaller 187 ml and 750 ml containers. The container uses a reportedly unique barrier coating technology developed by Germany's KHS Plasmax GmbH. "This is an important development, because it expands the market potential for barrier PET wine containers," explained Kerry Drewry, sales manager for Amcor Rigid Plastics. "We expect continued growth for barrier PET bottles in a range of sizes for wine."

The new packaging not only meets the airline's sustainability needs, but offers a glass-like option with no breakage and a similar shelf life. "At the end of the day, it's still the same high-quality wine product which is now easy to transport and very convenient for the consumer," said Geloso.

The KHS Plasmax Silicon Oxide (SiOx) barrier coating seals the container from the inside to protect the contents from

oxidation. Plasmax is an FDA-compliant enhanced passive barrier for oxygen sensitive products. This ultra thin (less than 100 nm) material is transparent and resists cracking, abrasion and delamination. Moreover, it does not degrade over time nor limit the storage time for empty bottles. The barrier coating is easily removed during the recycling process and does not contaminate the recycling stream.

Consumer feedback has also been favourable for the convenient, aluminum screw-cap bottle. Based on the early success so far, Societe de Vin Internationale is considering a retail launch later this year in Quebec grocery stores. On the retail side, lightweight PET significantly reduces freight costs and enables manufacturers to reduce their environmental footprint by cutting the amount of packaging, thus reducing the volume of waste being sent to landfills.

Geloso said the company will target other airlines, while also considering barrier PET bottles for other products such as cider in smaller sizes like 330 ml and 500 ml

Amcor's Drewry said the company is working closely with other wineries that are seeking alternative packaging for sustainability benefits. She added that the PET barrier technology is being targeted at other markets for oxygen sensitive products.

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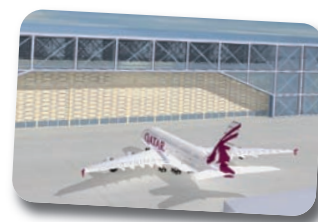
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