

TPE replaces silicone in service food trays for correctional institutions

A PolyOne GLS TPE is used by The JonesZylon company and its moulder Controlled Molding Inc. to produce food service items for correctional institutions.

The company looked for a cost-effective alternative to silicone that addresses security drawbacks of existing rigid plastic items, which can be used as weapons but provides sufficient stiffness to hold food effectively. JonesZylon used the custom PolyOne GLS material to create its own material, called Max-Flex, which is used for three-compartment serving trays with clear lids and other serving items.

Temperature resistance is rated from -20 to 148 °C (-40 to 300 °F). Other advantages of the material include easy removal of graffiti, institutional dishwashing durability, formulation without bisphenol A (BPA) and recyclability. The JonesZylon Company is based in West Lafayette, OH, USA.

Adresse:

<http://www.gupta-verlag.com/general/news/technology/10795/tpe-replaces-silicone-in-service-food-trays-for-correctional-institutions>