

Plas-Tech replaces glass with Topas COC

European Plastics News staff

Posted 22 April 2010 8:10 am GMT

Plas-Tech, a US-based moulder of medical devices, says it is replacing glass in its single-dose syringes for cosmetic facial drug treatments, with the Topas cyclic olefin copolymer (COC) from Topas Advanced Polymers.

When used in syringes, Topas COC delivers performance advantages over glass, including high transparency, shatter resistance and an excellent moisture barrier, says Topas. The shelf life of the product is up to three years, longer than models made with materials such as polycarbonate or PP, adds the firm.

Topas 6013 COC also has lower absorption of most drug preservatives compared to other materials, says the company.

Plas-Tech currently sells syringes in 0.5-ml to 5.0-ml sizes to pharmaceutical companies in the U.S. The company is also pursuing a sales agreement through an international distribution channel.

