



3a



3b

1. In the analytical lab, Schott TopPac® syringes are checked under pressure for leakage.

2. Dr. Ralf Holschumacher, managing director for Schott Polymer GmbH, develops innovative packaging

solutions for customers in the pharmaceutical industry together with his team.

3a/b. The injection molded syringe bodies are placed into transport nests.

New polymer, new applications

With the help of metallocene catalysts, Topas® is copolymerized from a cycloolefin called norbornene, and ethylene. Through this combination, the cycloolefin copolymer displays properties such as optical clarity, bio-compatibility and moisture impermeability, making Topas® an innovative alternative material for many areas. A further decisive advantage of Topas® is the variability of its properties. Depending on the ratio of ethylene to norbornene, properties such as dimensional stability under heat, for instance, can be altered according to need. Examples of applications are pharmaceutical blister packs, food packaging, diagnostic articles such as microtiter plates, lenses, or toner binder for printers and copiers.