# LUXINERGY

# 3D Printing Material for Aligners

## PRODUCT DATA SHEET

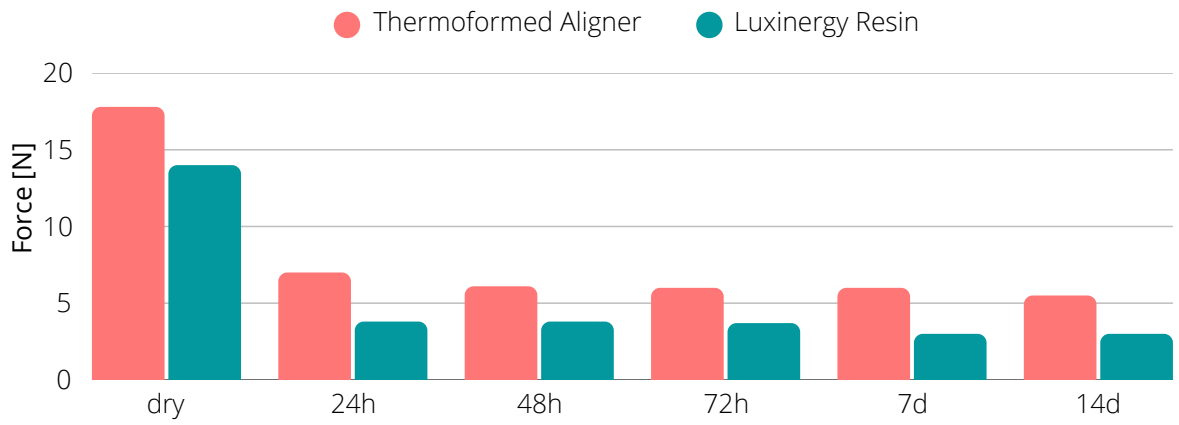
The next generation of tooth correction: 3D-printed aligners made from the innovative Luxinergy material offer better properties than thermoformed aligners.

SCAN ME

**Luxinergy GmbH**
Peter Tunner Strasse 19
8700 Leoben
Austria

office@luxinergy.com
www.luxinergy.com

# Comparison of Thermoformed Aligners vs. 3D Printed




When wearing aligners, the material loses some of the force it exerts on the teeth over time. This loss of force is referred to as “stress relaxation”.
The Luxinergy material behaves in a similar way to thermoformed aligners (see above).
However, 3D-printed aligners made of Luxinergy material can regain their original force when heated to 50 °C in water and once again act effectively on the teeth (see below). Conventional thermoformed aligners or other 3D printed materials cannot regain their force. The reactivation of the aligner enables more effective tooth corrections as well as a more flexible and economical treatment process.

# Reactivation of Luxinergy Aligners