

Effegi Brega – Test Results

Dental Products, Materials and Applications

01-12-2018 - Piero Rebecchi - Effegi Brega



stratasys

1 STRATASYS / THE 3D PRINTING SOLUTIONS COMPANY

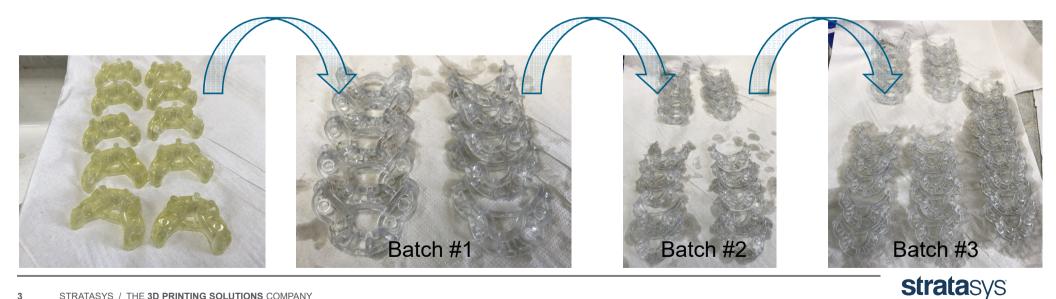
Surgical Guides

- Cycles 8mins @ 20bar
 - 10 models tested
 - ➢ 0 broken (all cleaned)



Increasing Statistics

- 3 more batches (30 models) were tested using 40bar
- Each batch included 10 models, all models are from sparse design
- Each batch lasted cycle 8mins
- **Results**:
 - > All completely clean, 0 broken

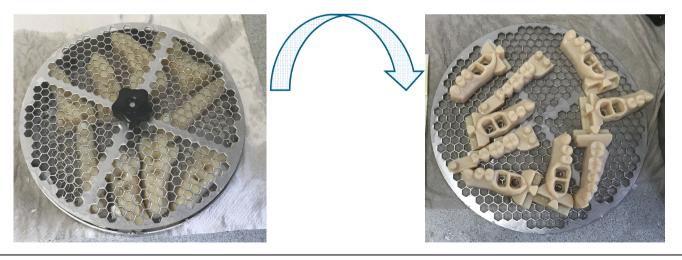


Very Satisfactory Results



C&B models in basket @60bar

- <u>Cycle 12mins @ 60bar, both sides</u>
 - > 9 models tested
 - > 0 broken
 - > 100% cleaned



C&B Models – Dies are well situated inside the clean model





C&B models in basket @60bar

- Choose the right model for your teeth
- Generally the ball basket is suitable for molded teeth, even if they are small.



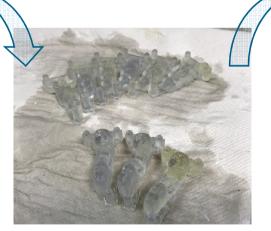


Implants @10bar

- Cycle 4mins @ 10bar
 - > 10 models tested
 - 7 uncleaned

- Cycles 8mins @ 10bar
 - 14 models tested
 - 1 uncleaned





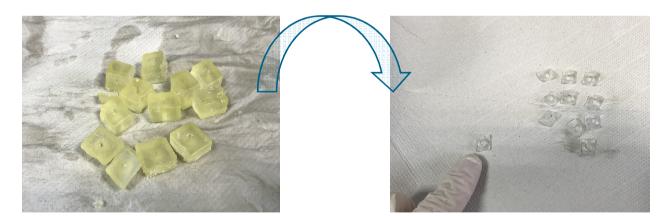


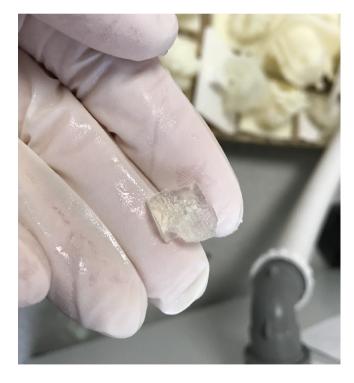




Gingival Mask

- Cycles 12mins @ 20bar
 - 12 models tested
 - 1 uncleaned
 - ➤ 1 lost







Small Pieces – Choice of Proper Container

- Small pieces are smaller than the holes inside the tank
 - That enforces the usage of a designated container



Small teeth - Choice of appropriate container

Removal of the SUP705 from the molded parts.

In the case of small pieces based on their size and size, we recommend:

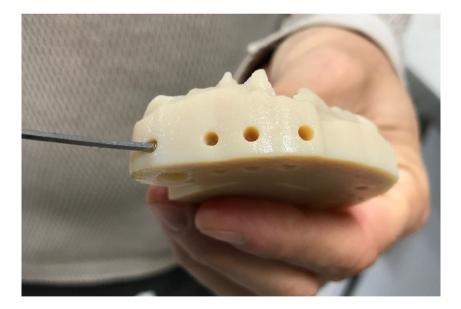
- > Choice of the most suitable container for the parts to be washed.
- > Search for the cycle time necessary to achieve total cleaning.
- ➢ Use pressure from 20 to 60 bar depending on the thickness of the pieces.
- Consider contacting your dealer for a solution by sending as much information as possible with photos and data from your work.



Ortho Appliances – Small holes reachability

Results:

SUP705 is not removed completely from small holes within the model





Aligners w/706B @1.6mm Matte thickening

- Cycles 8 mins @ 20bar
 - > 14 models tested
 - 0 broken (all cleaned)



THANK YOU

