

# DURAN®+ white pd

## Processing Information

- Description:** DURAN®+ white pd is a thermoforming material of PET-G that is tough and highly abrasion-resistant with excellent properties in terms of breaking strength, elasticity and dimensional stability. It belongs to the family of polyester resins, combining extremely low water absorption and highest biocompatibility (it does not require pre-drying). The material has been tested and approved in terms of cell biology. The tooth colour shade corresponds to the VITA colour OM 1.
- Indication:** DURAN® + white pd is ideally suited for the fabrication of cosmetic splints. In addition, it can be used for splints for treatment planning on wax-up models to show the desired situation after the orthodontic correction of malocclusions.
- Intolerances:** The product shall not be used in case of known intolerances to polyethylene terephthalate or acetaldehyde.
- Preparing the model:** For optimum ease of processing and an aesthetically smooth, easy-to-clean inside of the splint, DURAN®+ white pd comes with a thin insulating foil that shall be removed after thermforming.
- Pressure moulding:** Full models should be embedded in the pellets and dental arcade models should be placed on the model platform. As you can see from the imprint directly on the material or on the packaging labels, the heating times for DURAN®+ white pd are extremely short. The initial thickness of DURAN®+ white pd will be reduced slightly depending on the model height.
- Finishing:** DURAN®+ white pd in the thickness of 0.75 mm and below can be easily cut using the Cutting burs (REF 3214) and Polyfix discs (REF 3371). Finishing and polishing can be most effectively done with DIMO® / DIMO®PRO wheels (REF 3380-3384/3376). Compound and adjustment with cold cure resins (e.g. DURASPLINT®) is possible without any problem. The splints can be adjusted without roughening.
- Cleaning/care:** Products from the CETRON® range are the best choice for daily cleaning and care. Detergents or products on the base of alcohol or plants (e.g. Pyralvex®) as well as hot water or steam jets should not be used.
- Note:** Heating times of less than 20 seconds can not be coded in BIOSTAR® devices. In these cases, the heating time must be entered manually using the key with the „clock symbol“.
- To be used only for the above indication and by qualified personnel. For single use. Serious incidents in connection with the use of the product must be reported immediately to the manufacturer and the competent authority!

### Delivery program:

DURAN®+ white pd	125 mm Ø
0.5 mm	REF 3473
0.625 mm	REF 3474
0.75 mm	REF 3475
1.0 mm	REF 3476

