

# DURAN®+ white pd

## Processing Information

### Description:

DURAN®+ white pd is a thermoforming material of PET-G that is largely unbreakable 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 and in accordance with the international standards ISO 10993 and EN ISO 7405. The tooth colour shade corresponds to the VITA colour 0M 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.

### 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 can be easily removed after thermoforming.

### Pressure moulding:

The model should always be embedded in pellets. 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 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“.

### 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

