

DURAN®+ A2 pd

Processing Information

Description:

DURAN®+A2 pd is a tooth coloured 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 (it does not require pre-drying) and highest biocompatibility. It has been tested in terms of cell biology and has been approved for clinical use in accordance with the international standards ISO 10993 and EN ISO 7405.

Indication:

DURAN®+ A2 pd is ideally suited for the fabrication of splints for treatment planning on wax-up models to show the desired situation after the orthodontic correction of malocclusions. In addition, DURAN®+ A2 pd can be used to fabricate temporary splints.

Pressure Moulding:

For optimum ease of processing and an aesthetically smooth, easy-to-clean inside of the splint, DURAN®+ A2 pd comes with a thin insulating foil that can be easily removed after thermoforming. 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®+ A2 pd are extremely short. The initial thickness of DURAN®+ A2 pd will be reduced by up to approx. 25% when using an average-size model and embedding the model according to the manufacturer's instructions.

Finishing:

DURAN®+ A2 pd up to the thickness of 0.75 mm can be easily cut using the SD foil scissors (REF 3460). 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. Ensure to use adequate bonding agents for some C + B materials – in particular bis-acrylic composites.

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 cannot 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® + A2 pd	125 mm Ø
0.5 mm	REF 3422
0.625 mm	REF 3424
0.75 mm	REF 3423

