

Description:

DURAN®+ is a clear-transparent, largely unbreakable and abrasion-resistant PET-G thermoforming material with outstanding properties in terms of breaking strength, elasticity and dimensional stability. DURAN®+ 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.

Indication:

DURAN®+ is ideally suited for all indications in prosthetic and orthodontic splint therapy, such as Miniplast splints, bruxism splints with and without adjustments, CMD splints, retention splints, Essix retainer and palatal expansion. As hard-elastic splint material, DURAN®+ is predestined for tooth transpositions, fine corrections and retentions in splint therapy.

Preparing the model:

For optimum ease of processing and an aesthetically smooth, easy-to-clean inside of the splint, DURAN®+ comes with a thin insulating foil that must be removed after thermoforming.

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®+ are extremely short. The initial thickness of DURAN®+ will be reduced slightly depending on the model height. Make sure to remove the integrated protection foil after taking off the splint from the model and prior to inserting it.

Finishing:

Up to a thickness of 1.0 mm, DURAN®+ can be easily trimmed with SD-Foil scissors A (REF 3460). For thicknesses exceeding 1.0 mm, we recommend using the finishing set (REF 3378). Final trimming and polishing can be most effectively done with DIMO / DIMO® PRO discs (REF 3380-3384/3376). Compound and adjustment with cold cure resins such as DURASPLINT® are possible without any problems. For most C+B and/or temporary materials – especially bis-acrylic composites – the use of a bonding agent is recommended. Make sure to check the applicability of the corresponding bonding agent prior to using it.

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“.

Storage:

Protect from sunlight. Store in a dry place.

Delivery program:

DURAN®+	125 mm Ø
0.4 mm	REF 3472
0.5 mm	REF 3426
0.625 mm	REF 3428
0.75 mm	REF 3430
1.0 mm	REF 3432
1.5 mm	REF 3434
2.0 mm	REF 3436



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