

BIOPLAST® / BIOPLAST® Color / BIOPLAST® Multicolor

Processing Information

- Description:** BIOPLAST® is a soft elastic rubber-like thermoforming material made of ethylene vinyl acetate (EVA) that does not bond to acrylic. The material does not require pre-drying before pressure moulding, as it is not hygroscopic. BIOPLAST® has been tested and approved for its biological safety.
- Indication:** Duplicating moulds for plaster situation models, mouth guard, bruxism splints, positioner, OSAMU-Retainer®.
- Model Preparation:** If necessary, block out strong undercuts using BLUE-BLOKKER® before pressurizing. For model insulation we recommend BIOPLAST® insulating agent (REF 3189/3166). Apply one layer of the insulating agent to the model, making sure to prevent the liquid from accumulating in the cavities as well as from drying out.
- Pressure Moulding:** We recommend to place dental arcade models on the model platform and to embed full models in the pellets. Adhesion of pellets to the model and the resulting loss of pellets can be considerably reduced by using the pellet cover (REF 3006 large/REF 3007 small).
- Finishing:** You can reduce the splint to its final extension using SD foil scissors A (REF 3460) or B (REF 3461). The BIOPERM trimmer (REF 3226), DIMO®PRO (REF 3381), DIMO®PRO SLIM (REF 3376) and POLYFIX (REF 3371) are best suited for finishing. Best polishing results are achieved using the OSAMU polisher (REF 3247) at 5000 - 10000 rpm.
- Cleansing/care:** Our CETRON® cleansing and care products are the best choice for splints made of BIOPLAST®.
- Storage:** Protect from sunlight. Store in a dry place. All instructions on the processing of our materials - in oral, written or practical form - are given to the best of our knowledge and must be read as references. Use and processing take place beyond our control and are subject to the responsibility of the user.
- Hint:** 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:

| BIOPLAST® | | 125 mm Ø |
|-----------|--|----------|
| 1.0 mm | | REF 3270 |
| 1.5 mm | | REF 3183 |
| 2.0 mm | | REF 3185 |
| 3.0 mm | | REF 3187 |
| 4.0 mm | | REF 3188 |
| 5.0 mm | | REF 3374 |

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| BIOPLAST® Color | | 125 mm Ø |
|-----------------|------------------|----------|
| 3.0 mm | red | REF 3282 |
| 3.0 mm | blue-transparent | REF 3356 |
| 3.0 mm | red-transparent | REF 3355 |
| 3.0 mm | white | REF 3445 |
| 3.0 mm | black | REF 3448 |
| 3.0 mm | neon red | REF 3352 |
| 3.0 mm | neon green | REF 3353 |
| 3.0 mm | azure | REF 3354 |
| 3.0 mm | Color-set | REF 3271 |

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| BIOPLAST® Multicolor | | 125 mm Ø |
|----------------------|----------------|----------|
| 3.0 mm | Germany | REF 3390 |
| 3.0 mm | France | REF 3391 |
| 3.0 mm | Italy | REF 3392 |
| 3.0 mm | Spain | REF 3393 |
| 3.0 mm | Sweden | REF 3394 |
| 3.0 mm | Brazil | REF 3395 |
| 3.0 mm | Transylvania | REF 3396 |
| 3.0 mm | Atlantis | REF 3397 |
| 3.0 mm | White Dots | REF 3398 |
| 3.0 mm | Green Dots | REF 3399 |
| 3.0 mm | Multicolor Set | REF 3400 |

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More detailed information on the various applications can be found here:

