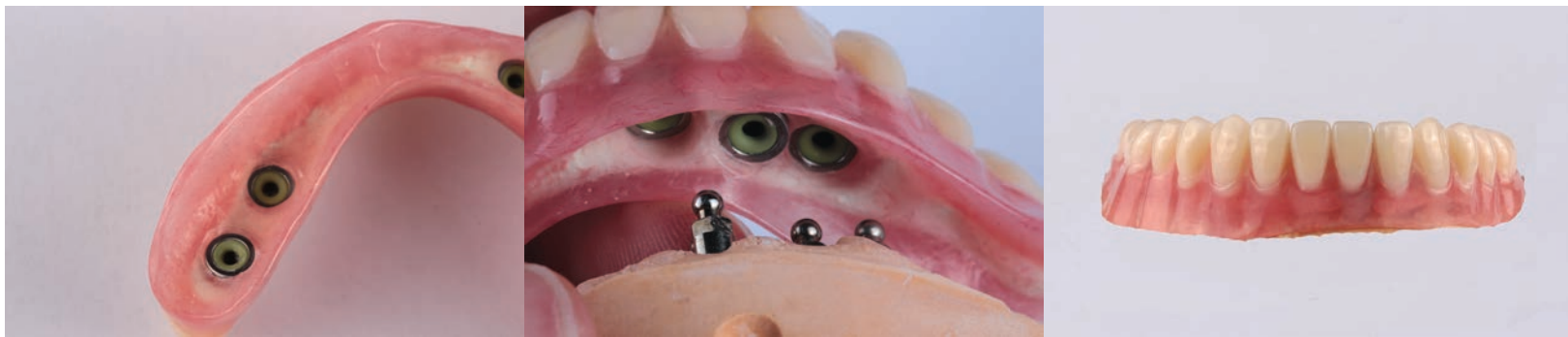




DEVELOPMENT OF LIGHT-CURED DENTAL RESTORATIVE MATERIALS

BIO-ACRYL MONOMER FREE

UNIVERSAL, LIGHT CURED MATERIAL FOR MULTY PURPOSE APPLICATION IN
THE DENTAL LABORATORY AND DENTAL CLINIC



BIO-ACRYL is MMA-FREE (MMA - methyl methacrylate monomer) denture base material and belongs to a class of materials, cured by light. It is nontoxic and biocompatible. Developed on urethane dimethacrylate oligomers, modified inert fillers and photo initiating system. Single-component material, thus no mixing required, it has an excellent dimensional stability and extremely low shrinkage after curing. It is also available as a Flow-base material, SMOOTH&SHINY varnishing liquid and an adhesive. Finishing with light cured varnish, ensures zero surface porosity which guarantees minimal bacteria contaminations.

The properties of the cured dentures comply the requirements of ISO 20795-1:2013 (former ISO 1567) The material polymerizes in the range of 370 to 480 nm.

APPLICATIONS

- ✓ For the preparation of partial and total dentures.
- ✓ Partial work of saddle pieces of skeletal dentures.
- ✓ Preparation of individual impression trays.
- ✓ Preparation of removable orthodontic appliances.
- ✓ Repair of fractured acrylic dentures.
- ✓ Add fragments of old dentures.
- ✓ Rebuild existing constructions.
- ✓ Preparation of guides for implantology.
- ✓ Replacement of gummassin constructions.
- ✓ Constructions over implants.

Delivery forms:

Bio-Acryl, Basematerial - weight: 300g, 1000g

Bio-Acryl, Flowmaterial: 12 ml

Adhesive: ADHESIVE A: 5ml, 12ml

Varnish: SMOOTH&SHINE 5ml, 12ml