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ADVANTAGES OF BIOPOLYMERS USED IN DENTAL PROSTHETICS

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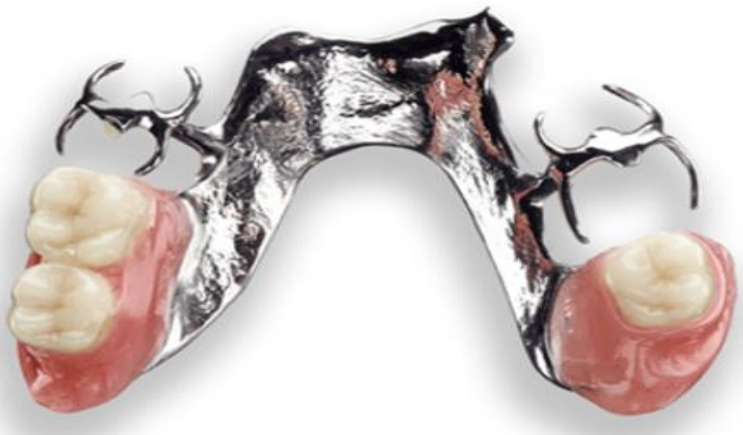
- Biopolymers were created in order to meet modern requirements in dental prosthetics and implantology.
- These materials are biocompatible and created on the basis of PEEK (poly-ether-ether-ketones) or PEKK (poly-ether ketone-ketone.
- It must be noted that there is a great interest in biopolymers due to their optimal physical and aesthetic properties. This is primarily because biopolymers have long-term stability and a certain degree of bending and high strength.



- According to our experience this type of biomaterials have numerous advantages as mentioned below: great biocompatibility , elasticity similar to bone, great resistance to abrasion, not possible corrosion, possibility for producing metal-free prosthetic devices and they are radiolucent.
- Due to these numerous advantages this biomaterials can be used in every field of dental prosthetics such as: preparation of models and custs, for various fixed and mobile prosthetic devices, getting individual abatmens for implants.
- Based on the numerous indications and advantages that these materials have and dominantly due to their biocompatibility, these materials can offer a better and easer solution for numerous activities in dental prosthetics and implantology.