

MILLING

G-CAM

Graphene nanoreinforced biopolymer disc
for CAD-CAM drilling



BIOLOGICAL PROPERTIES

Not irritant or toxic for the patient, anallergic.



BACTERIOSTATIC

Graphene does not allow the growth of bacteria or mould.



PRODUCT DESCRIPTION

Graphene can be described as a two-dimensional material in which the carbon atoms are joined to make a flat sheet with a structure similar to a beehive.

Graphene's properties as high traction resistance, low density and its low coefficient of thermal expansion, make it a material with big potential for the manufacture of other compound materials.

The incorporation of graphene into polymers is an innovating strategy to improve its mechanical properties, simultaneously increasing the elastic modulus as well as the tenacity, reducing the appearance of cracks and/or the spreading of them as well as decreasing the shrinkage rate during polymerization.

Furthermore, since it is carbon, graphene is ecological and recyclable.

Graphenano Dental discs that Sweden & Martina distributes, offers a wide chromatic catalogue, which guarantees comprehensive solutions. The G-CAM colorimetry, based on the VITA classic shade guide, is not only limited to intermediate colours, but also allows for more shades through the make-up of photopolymerisable surfaces in the laboratory.

G-CAM Monochroma, single colour.

G-CAM Multichroma, a unique wide chromatic spectrum based on natural colours with high translucence.

The thickness of the G-CAM disc can be 14, 16, 18, 20, 22, 24, 26 and 30 mm.

For PINK disc both Monochroma and Multichroma, are available the following measures: 26 and 30 mm.

Thicknesses from 14 to 24 mm are available on request only.

