GILPLAST

Dental

Plastic improved stump material EN ISO 6873
Synthetic dental plaster of the highest die-stone quality

Extreme edge strength during sawing and denuding of preparation limits. High fracture strength

For the manufacture of stumps, tooth bands and models in the technique of precious metals and ceramics.

Gilplast meets highest requirements. The castings
- are of high stability
- have very smooth surfaces
- are scratch resistant
- show high precision

Physical data

Solidification point	approx. 15 min
Compressive strength (24 h)	min. 60 MPa
Hardness (after 24 hours)	min. 200 MPa
Linear setting expansion after 2 hours	below 0.1 %

Working method

Mixing ratio

Gilplast : dest. Water	100 g : 18 - 20ml
Working temperature	approx. 23° C

Strew the powder in the given ratio into the water.

Mechanical mixing under vacuum	60 sec
Working time	approx. 9 min

Do not vibrate after this time in order to avoid disturbing the crystallization.

Availability

Yellow-brown; ivory

Packaging

Paper bags with foil liner	25 kg
Portable cartons with foil liner	20 / 25 kg
Pouches	5 kg

Shelf life

At least 1 year in well closed, vapour-proof packages.

Recommendations for refilling into small packages

Gilplast should be refilled in a dry room. Avoid to store open material.
Only vapour-proof packing should be used for repacking. eg.

- aluminium composite foil
- plastic composite foil
- low-pressure polythene containers with a wall thickness of min. 0.5 mm.

The recommendations are given to the best of our knowledge after careful control. We grant the quality of our products according to our specification. Any further liability cannot be accepted since the proper application of our products is outside of our control.

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