Impregum™ precision for monophase and one-step/tray-wash technique.

New Generation Polyether Precision Impression Materials.
Impregum Penta Soft,

the new polyether precision impression material for the monophase technique, specially for the indications crown, bridge, inlay and onlay impressions.

Impregum Penta Soft offers proven Impregum precision with the two decisive advantages:

- Easier to remove
- Better flavour

Impregum Penta Soft automatically mixable in the Penta system.

Impregum Penta Soft for the monophase technique. Only one viscosity for tray and syringe.

Benefits for your daily work:

Your advantage:

Less need to block out especially on undercuts
=> time saving

The advantage for your patient:

Impregum Penta Soft – with a flavour your patients will appreciate

Benefits for your technician:

easier removal of the plaster cast
=> more safety
3M™ ESPE™ Impregum™ Penta™ DuoSoft™.

Impregum Penta DuoSoft,

polyether precision impression material
heavy body/light body combination for
the following indications: crown, bridge,
inlay, onlay and functional impressions.

Impregum Penta DuoSoft means that the
familiar Impregum precision is now also
available for the one-step/tray-wash tech-
nique:

■ Initial hydrophilicity
■ Thixotropic properties tailored to
surgery requirements
■ Snap-set behaviour

and the additional advantages of the new
generation of polyethers:

■ Easier removal
■ Improved taste

Benefits for your daily work:

■ Precise flow onto the preparation even
in the moist oral environment
■ Ideal flow properties for the dental
surgery ensure that Impregum Penta
DuoSoft is viscous in the tray or on
the syringed preparation, but flows
freely when pressure is applied
■ More safety thanks to a precisely
defined transition from the plastic to
the elastic phase: no distortion or
premature crosslinking and therefore
fewer repeat impressions

⇒ Reliable precision and
safety

Impregum Penta H DuoSoft automatically mixable in
the Penta system

The light body consistency is automatically mixable in
the 3M™ ESPE™ Garant™ 2 dispenser system

As an alternative: the light body consistency from the
Pentamix mixing unit: Impregum Penta L DuoSoft

One-step/tray-wash impression with Impregum Penta
DuoSoft
3M™ ESPE™ Impregum™ precision for the monophase and one-step/tray-wash technique.

Excellent fit due to maximum precision

**Initial hydrophilicity,** is the polyether’s property of flowing perfectly even onto moist tooth surfaces which is due to its special molecular structure.

This is a decisive advantage in terms of the precision and dependable of the impression especially in the constantly moist oral environment.

Consequently the initial hydrophilicity ensures that Impregum Penta Soft and Impregum Penta DuoSoft flows perfectly onto the moist tooth surface especially in the unset condition when the material is being injected around the preparation.

**Structural viscosity/thixotropy:** Structural viscosity means that under the influence of an increasing outside force or shearing speed, the viscosity diminishes. When the influence is discontinued, however, viscosity immediately increases again.

This feature ensures that Impregum Penta Soft and Impregum Penta DuoSoft remains viscous in the tray or on the tooth but flows under pressure.

**Snap setting:** Snap setting ensures a clearly defined working time with transition to the setting phase in a matter of seconds. This ensures that distortions in the impression are reduced to a minimum.

*Source: Mondom, M. et al; University Kaiserslautern, Germany, AADR 2001*
## Overview of the “New Generation” Polyether

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<td>or</td>
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