Accusil Combo Kit

Hydrophilic Vinyl Polysiloxane Impression Material

PREVEST DenPro® THE FUTURE OF DENTISTRY

Accusil Putty, Soft

Hydrophilic Vinyl Polysiloxane Impression Material

PRODUCT DESCRIPTION : Accusil Putty is a very high viscosity two pastes elastomeric Impression Material with excellent hydrophilic properties, dimensional accuracy, high tear strength, and resistance to permanent deformation.

COMPOSITION :

BASE : Polydimethyl Siloxane Polymer, SIH capped Polysiloxane, Filler, Pigments Flavouring agents and inhibitions.

CATALYST : Polydimethyl Siloxane Polymer, Titanium Dioxide, Fillers, Platinum Catalyst.

INTENDED PURPOSE / INTENDED USE : It is used as a dental impression material intended for taking impression for fabrication of indirect restoration / prosthesis.

INDICATIONS FOR USE :

1. Accusil Putty Impression Material is designed to be used with Accusil Light Body in a dual phase impression technique.
2. Accusil Putty Impression Material is suitable for all impression techniques where a high viscosity material would be desired by the operator.
3. It may also be used for taking impressions of dentulous and edentulous arches, implants and precise duplication of models.

TECHNICAL DATA

Classification ADA Specification No. 19	Type 1: very high viscosity	
Classification ISO 4823:1992	Type 0 : putty	
Mixing ratio by weight or volume	1 part catalyst to 1 part base	
	Regular Set	**Fast Set**
Mix Time	45 seconds	45 seconds
Work Time (including mixing time) (ADA = total working time (ISO)	2 min. - 2 min. 30 sec.	1 min. 30 sec. - 2 min.
Minimum time in mouth (ISO) (not including work time)	2 min. 30 sec. - 3 min.	2 min. - 2 min. 30 Sec.
Minimum removal time (ADA) Setting time (ISO)	5 min. from start of mix	4 min. from start of mix
Linear dimensional change (ISO, ADA)	< 0.5%	
Strain in compression (ISO, ADA)	1.2% - 2.2%	
Recovery from deformation (ISO)	> 99%	
Permanent deformation (ADA)	<1%	
Detail reproduction	20 µ	

WARNINGS :

1. Equal ratio must be used for proper polymerization.
2. The setting can be inhibited by later gloves, sulfur and oils from hands. Vinyl gloves are recommended.

The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

PRECAUTIONS :

1. Accusil Putty Impression Material should not be intermixed with, or used in conjunction with polyether materials, or conventional (condensation cured) silicones.
2. Remove unset Accusil Putty Impression Material from clothing with a dry cleaning solvent.
3. At 72°F (22°C) it has a minimum work time of 2 minutes and a minimum removal time of 5 minutes (from start of mix).Variations in temperatures from that stated above will affect work and set times. Higher temperatures reduce those times, and lower temperatures increase them. Variations in the relative amounts of base and catalyst will neither significantly increase nor decrease work or set times. Optimal performance requires a ratio of 1:1.
4. Do not mix with latex gloves.

CONTRAINDICATIONS : Do not use Accusil Putty Impression Material as a temporary reliner. Do not use with a polyether or polysulfide material.

STORAGE CONDITIONS : Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

SHELF LIFE : 3 years from the date of manufacturing.

ACCUSIL LIGHT BODY

Hydrophilic Vinyl Polysiloxane Impression Material, Light Body

PRODUCT INTRODUCTION : Accusil Light Body is silicone-based impression material for use in dentistry with automatic mixing device. Accusil Light Body is a hydrophilic vinyl polysiloxane impression material for the production of extra ordinarily smooth and highly precision impressions for models, crowns, bridges and dentures.

COMPOSITION :

BASE : Vinyl-Terminated Polydimethyl Siloxane, SIH Capped Polysiloxane, Fillers, Pigments and Inhibitors.

CATALYST : Vinyl-Terminated Polydimethyl Siloxane, Fillers, Platinum Catalyst.

INTENDED PURPOSE / INTENDED USE : It is used for the purpose of impression making and reproduction of tooth and gum structure.

INDICATIONS FOR USE :

Wash material for the putty-wash impression technique
Syringe material for the simultaneous mixing technique
Impression material for relining
Cavity impression of facing, inlay, onlay, etc
Impression of crown or bridge
Impression of partial denture
Impression of full denture

TECHNICAL DATA	
Color	Yellow
Classification ISO 4823/ADA Spec. No. 19	Type 3 light-bodied consistency
Mixing ratio (Base : Catalyst)	1:1
Strain in Compression (Min.–Max.)	3% – 5%
Recovery from deformation	>99.5%
Linear dimensional change (24hrs)	<0.20%
Hardness "Shore A"	60 ± 2
Mixing Time	Auto Mixing System
Total Working Time	2'00"
Time in Mouth (minimum)	3'30"
Total Setting Time	5'30"

INSTRUCTIONS FOR USE TRAY SELECTION :

1. Accusil Putty may be used with a suitable metal tray, a firm disposable tray, or a custom tray. For maximum accuracy use rigid trays offering good retention. Use of tray adhesive is recommended.

Dispensing :

1. Allow Accusil Putty material to reach room temperature prior to use.
2. Using the scoops provided, dispense equal quantities of base and catalyst.

Note: Close jars immediately after use. Do not interchange base and catalyst screw caps or scoops.

Mixing :

1. Knead by hand until a uniform color is achieved.**Note:** Vinyl gloves should be used and hands washed thoroughly before mixing.

2. To obtain optimum physical properties, the mix should be completely homogenous (streak-free), usually in about 45 seconds.

IMPRESSION PROCEDURE TWO PHASE/ONE STEP PROCEDURE(PUTTY WASH TECHNIQUE)

1. If there is any debris or blood, clean field with air water spray.

2. Remove excess water with suction. Do not dessicate the tooth.3. Mix Accusil Light Body, (Regular Set), backfill the impression syringe or attach an intra oral tip to the end of the mix tip for direct intraoral syringing.

4. Inject syringe mix into and around tooth preparations. It is suggested to syringe completely around the margins of the preparation, making sure to keep syringe tip within impression material. Do not blast with air. Accusil Light Body Impression Material's hydrophilic properties improve adaptation to the tooth enabling better "wetting".
5. While syringing wash material, the assistant should mix the putty load the tray.
6. Place Accusil Putty material directly into impression tray and dimple impression. (This technique ensures the least amount of air incorporation.) Seat tray. Retain impression in position until firmly set. (Note: The material sets faster in the mouth.) Check impression in the mouth not on the bench. Note: Latex gloves should be removed and hands washed thoroughly before checking. Be sure it is firm, resilient, and non-tacky before removal. The minimum removal time (tested according to A.D.A. Specification #19) is 5 minutes from start of mix.
7. Remove impression by pulling slowly to break seal, then snap out along the long axis of the tooth. Rinse impression under cold water and blow dry. Do not store impression in direct sunlight. If the impression is to be shipped, use suitable packaging to preclude distortion.

Technique Tip: Some residual moisture prior to syringing is acceptable.

TWO PHASE/TWO STEP PROCEDURE

1. If there is any debris or blood, clean field with air water spray.
2. Remove excess water with suction. Do not dessicate tooth.
3. Place a polyethylene spacer sheet over putty and seat tray slowly. (Note : if a polyethylene sheet is not used, relieve the entire impression to provide at least 2 mm of space for the Accusil Light Body, (Regular Set) material.)
4. Allow impression to remain undisturbed until it has set firmly (five minutes from start of mix).
5. Remove impression when it reaches a rubbery consistency.
6. Remove polyethylene sheet from impression surface. The impression should be washed free of saliva and thoroughly air dried before use as a base for subsequent impressions. 7. Select either Accusil Light Body, (Regular Set) as a wash material and mix.
8. Syringe Accusil Light Body, (Regular Set) material evenly around prepared teeth and directly onto Accusil Putty impression. Replace in mouth and allow to set for 2 minutes 30 seconds to 3 minutes in the mouth (not including work time).
9. Remove impression with a direct pull.
10. Store impression at room temperature. Pour impression with stone or other die materials within 14 days.

DIRECTIONS FOR BORDER MOLDING :

1. Apply Tray Adhesive to the borders of the tray.
2. Dispense equal amounts of base and catalyst onto a mixing pad and knead by hand until a uniform color is obtained - mixing time: 45 seconds. Note : Latex gloves should be removed and hands washed thoroughly.
3. Roll the mix into a thin rope and apply uniformly to the tray borders.
4. Instruct patient to perform the various functional movements necessary for conventional border molding techniques.
5. Five minutes from start of mix, remove tray and examine borders. The addition of a small mix can be used if voids or deficient areas are present. Over-extensions can be easily removed with a scalpel blade.
6. The final impression can be made with Accusil Light Body,(Regular Set).

The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

WARNINGS : Chairside should be brought to room temperature prior to use. Keep away from sunlight/heat. Prolonged exposure to temperature above specified limit i.e., 10°C(50°F) to 24°C(75°F) can damage the material.

PRECAUTIONS :

1. Premature exposure of the syringe material to the higher temperature of the mouth causes this material to set more rapidly than the tray material.
2. Do not use after expiry date.
3. Avoid spillage of material on clothing as it cannot be removed chemically.
4. Contact with latex gloves may impair the setting reaction. Vinyl gloves are recommended.

CONTRAINDICATIONS : The use of Accusil Light Body is contraindicated if the patient in known to be allergic to any of its ingredients.

STORAGE CONDITIONS: Store at temperature between 10°C(50°F) to 24°C(75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 3 years from the date of manufacturing.

PRESENTATION :

REF : 70004-1

Accusil Combo Kit Putty + Light Body (Soft)

Hydrophilic Vinyl Polysiloxane impression Material

1 x 150ml Jar, Base Paste Putty, 1 x 150ml Jar, Catalyst Paste Putty, 2 x Spoon, 1 x 50ml Base/Catalyst Paste Light Body, 5 x Mixing Tips,

Disposal Conditions : To be disposed off based on the prevailing rules of the country in which it is used.

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UDI Symbol for "UNIQUE DEVICE IDENTIFIER"
LOT Symbol for "BATCH CODE" Symbol for "USE-BY DATE" Symbol for "NON STERILE" Symbol for "KEEP DRY"
Symbol for "CAUTION" Symbol for "CONSULT INSTRUCTION FOR USE" REF Symbol for "CATALOGUE NUMBER"
EC REP Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"
Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER" Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" MD Symbol for "MEDICAL DEVICE"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding. For feedback, complaint and reporting of unexpected events contact customer care.