ImpressPLUS A-Silicone Putty

Vinyl Polysiloxane Impression Material

ImpressPLUS Putty is a very high viscosity kneadable vinyl polysiloxane (VPS) preliminary impression material.

Formulated to accurately flow and guide **ImpressPLUS Wash** materials to the clinically important surface.

Combination of hardness and precision it is excellent for fixed prosthesis.

Ideal for use in the two step impression technique in combination with **ImpressPLUS Wash** Light Body.

Delivery System

- 300ml base & catalyst with scoops

Presentation

REF 010/1300 ImpressPLUS Regular Set Putty

REF 010/1302 ImpressPLUS Fast Set Putty

Characteristics

- Exceptional dimensional stability
- Very high tear strength
- Highly hydrophilic
- Outstanding precision in detail reproduction
- Excellent elastic properties

Technical Data

	Fast Set	Reg Set
Total working time	1.00	2.00
Time in mouth	2.00	2.30
Total setting time	3.00	4.30
Recovery from deformation %	> 99.1	> 99.1
Linear dimensional change %	<0.2	<0.2
Tear strength (N/mm^2)	>1.5	>1.5

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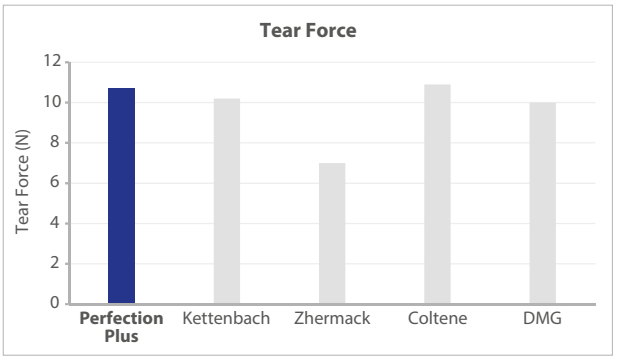
PHYSICAL PROPERTIES

Tear Strength Comparison

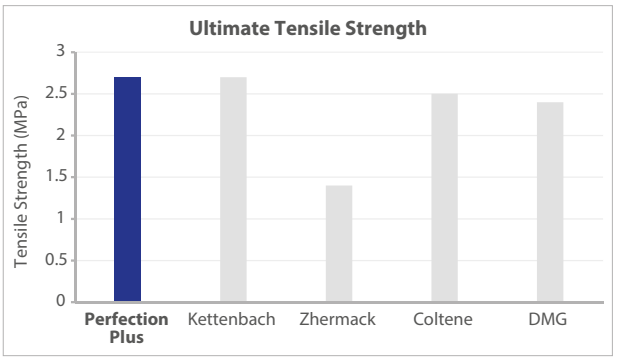
Tearing in the impression causes defects which affects the accuracy. In some cases, the impression material remnants may produce inflammation in the sulcus. Therefore it is essential for Impression materials to have maximum tear strength when removed.

ImpressPLUS Putty withstands higher tearing forces at the most susceptible areas when compared to similar products from other manufacturers.



Tensile Strength Comparison

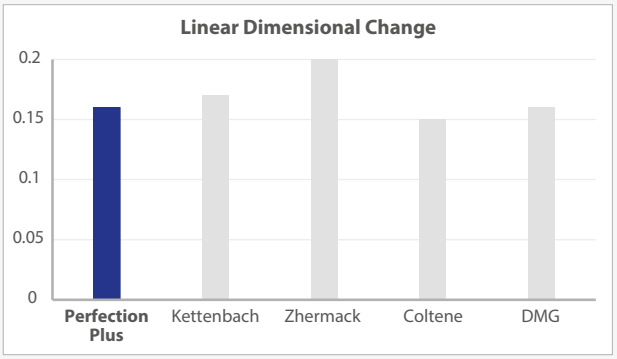
The ultimate tensile strength of **ImpressPLUS Putty** allows the impression material to withstand much higher stress (force) compared to similar products from other manufacturers.



MECHANICAL PROPERTIES

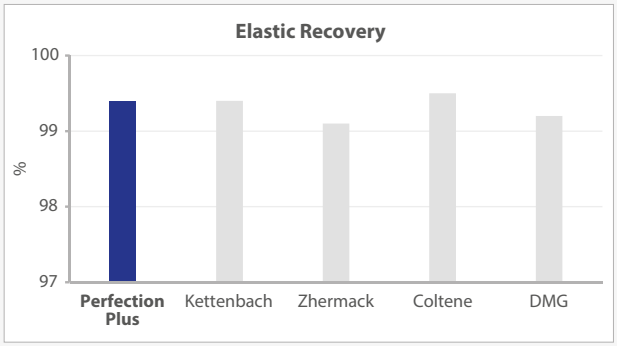
Linear Dimensional Change Comparison

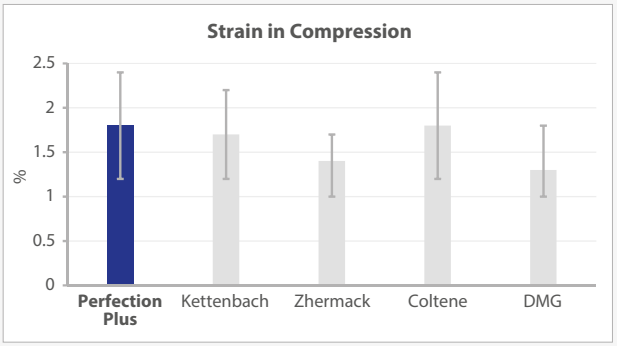
Addition silicone impression materials are subject to shrinkage during the curing reaction. The aim is to minimise this shrinkage to achieve the highest possible precision.



Elastic Recovery and Strain in Compression

To ensure Impression material can withstand various stresses upon removal and maintain dimensional stability and integrity they must be tested to ISO4823.





* Testing during research and development

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