Technovit®
Provil BLACK

This is worth looking at – even in the tiniest details!

With the new **Technovit Provil BLACK**, we offer extremely precise impression silicon, which can be used faultlessly via a standardised cartridge system.

Technovit Provil BLACK is self-mixing, low-viscosity silicon. Due to the special material properties, it is possible to take impressions with extremely detailed reproduction. The very intensive colouring and related high contrast enable precision, optical measurement, even in very fine structures (e.g. etched microstructures).

www.kulzer-technik.com/metallographie

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Technovit®
Provil BLACK

The unique high tensile strength and elasticity make it possible to take precision impressions of geometric shapes with Technovit Provil BLACK and demould them without any defects.

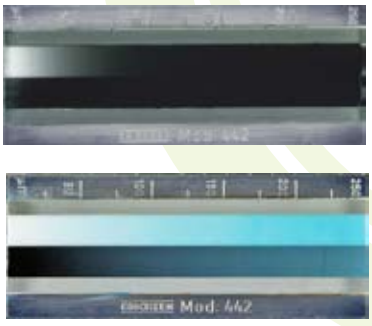
Technovit Provil BLACK does not react in any way with other substances, and can be used for almost any type of surface impressions irrespective of the material of the object.
These finished impressions can be analysed microscopically or via laser units and roughness testers.

Delivery units

66079678	Technovit Provil BLACK 2 x 50 ml
66009334	Mixing cannulas 1 x 48 pcs.
66009335	Mixing cannula tips 1 x 96 pcs.
66009337	Dispensing gun1 x 1 pcs.

Benefits Technovit Provil BLACK

- highest impression accuracy down to 0.1 µ
- optimum resilience
- very good optical behaviour/high contrast
- easy to remove
- high elasticity/tensile strength
- faultless working due to extremely simple application
- cost-efficient method
- no hazardous substances - no health or safety risk
- no temperature development during curing
- many analysis and application possibilities



Compared to a blue-coloured competitive product, Technovit Provil BLACK is considerably less transparent in thinner layers.

Technical data and physical properties*	
Dosing *(automatic in the mixing cannula)*	1:1
Total processing time measured from when mixing begins	2 min.
Curing time measured from when mixing begins	4-5 min.
Deformation under pressure [%]	4,0
Tear resistance [N/mm²]	2,5
Elongation at tear [%]	140
Tear energy [Nmm]	177
Toughness [N/mm²]	2,2
Modulus of elasticity [N/mm²]	1,9
Shore A 10 min.	47
Shore A 1 h	48
Shore A 24 h	51

*Data determination based on individual batches

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