



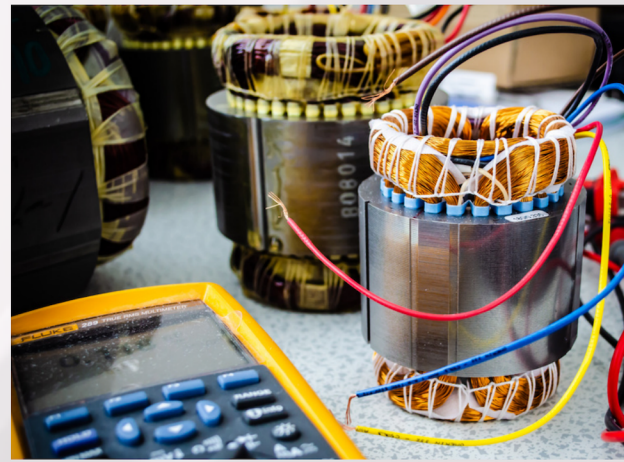
VUKI a.s. brings solutions for the current needs of customers not only in Europe, but also covers inquiries on a global scale. VUKI a.s. deals with **research and development** of electrical insulating resins and polyurethane potting compounds.

For more information do not hesitate to contact us:
info@vuki.sk

VUKI a.s. introduces a new family of polyurethane potting compounds for the electrical industry called **VUKOL N**. Which offers **higher utility and environmental parameters** and are characterized by very good mechanical and dielectric properties and excellent adhesion. The temperature range of use is from -40°C to $+140^{\circ}\text{C}$.

What you will learn in this leaflet:

- Advantages of VUKI potting compounds
- Properties of individual types



We are **constantly expanding** our long-standing KNOW-HOW through cooperation with universities as well as targeted membership in leading multinational organizations. We are **members of EEIM** (European Electrical Insulation Manufacturers) and **EASA** (European Union Aviation Safety Agency) which as an international association represents companies in the field of repair of electric motors and devices, service and sales.

VUKOL N compounds are intended for potting or encapsulating electrical and electronic devices. They are highly resistant to water and have a high internal resistance even after several days of soaking in water. **VUKOL N** do not contain solvents or halogen compounds and meet the requirements of the UL94 fire resistance standard.

By cooperating with us, our **customer receives** a tailor-made product according to specific requirements. From us, the customer receives not only a customized product, but also **support** in implementing it in his production



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VUKOL N are produced in a wide range of designs and color variants. These are suitable for processing on continuous mixing and dosing devices.



For the right choice, contact us and together we will choose the optimal solution for you. We will send you a sample for testing and we will be at your disposal when setting the final parameters of the material so that it exactly suits your production process.

Please contact us: info@vuki.sk

Version: 03.2023/04

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VUKOL N

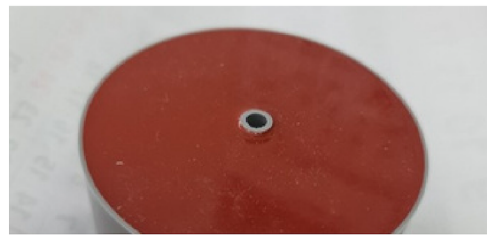
potting materials



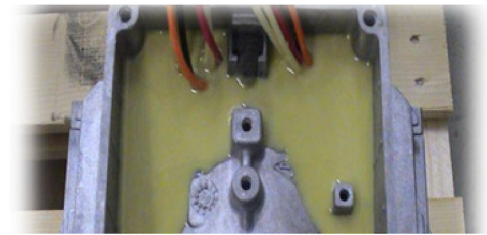
VUKOL N22 is an unfilled, flexible, and at the same time mechanically very tough material, with good ductility and mechanical strength in both tension and bending. Flammability class V2/ 2mm. The very low initial viscosity of the mixture with the hardener (when using VUKIT LV) makes it possible to fill even narrow cavities. Meets the CTI 600 requirement.



VUKOL N22u Magna blue is a highly accelerated, blue-pigmented version of VUKOL N22, suitable exclusively for continuous machining on potting machines.



VUKOL N22/60 is a soft, rubbery, flexible material with an additive of inorganic fillers. The substance is suitable for universal use. Complies with CTI 600 requirements (UL certified). Hardens with VUKIT LV hardener.



VUKOL N33/60 is a slightly harder version of the VUKOL N22/60 material. It differs only in the hardener used, VUKIT M. Suitable for universal use.

VUKOL N33 is a relatively soft, flexible rubbery substance with an additive of inorganic fillers, flammability class V2/2 mm, suitable for manual and machine processing. For universal use. Supplied as standard in a black version.

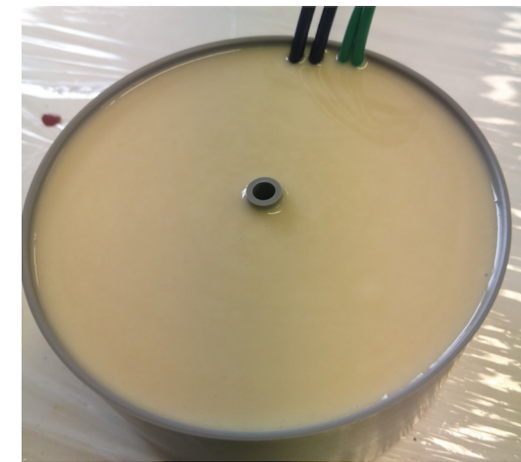


VUKOL N33u is an accelerated version of VUKOL N33 Shortened curing time, preferably suitable for machine processing. Workability after mixing with VUKIT M approx. 3-4 min.



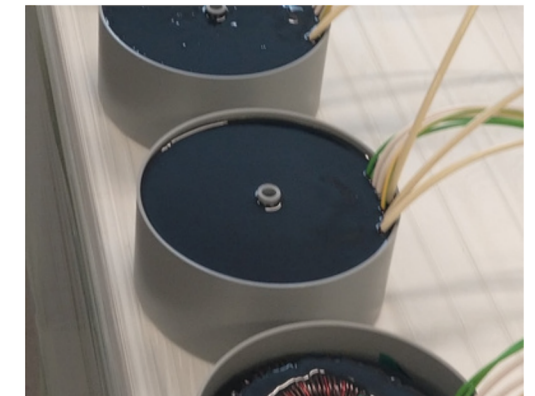
VUKOL N

potting materials

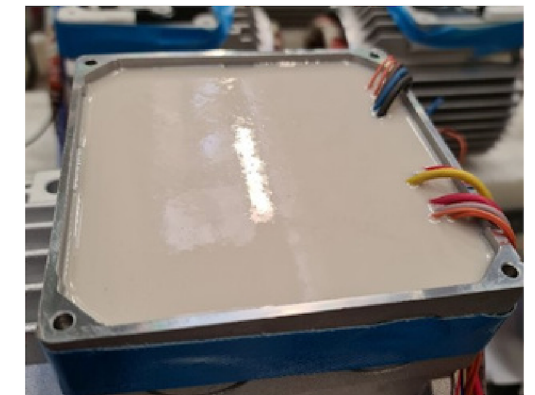


VUKOL N34 is a medium hard, but still flexible material, containing inorganic fillers. It is characterized by considerable mechanical tensile strength, flammability class V0/4mm, thermal conductivity 0.6 W/(m.K). Very well adhesive to metal surfaces. It can be hardened with the hardener VUKIT LV or VUKIT M. With VUKIT M, the material with VUKIT M is slightly harder as a result.

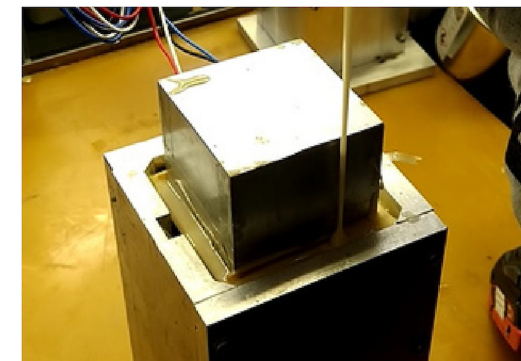
VUKOL N60 is a medium-hard, flexible material with a high content of inorganic fillers. It has very good thermal conductivity (0.75 W/(m.K)), meets the flammability class V0/4 mm and is adhesive to metal surfaces. In the non-accelerated version, it hardens slowly, suitable for manual and machine processing. Universal, especially suitable for e.g. for transformers and equipment requiring heat dissipation.



VUKOL N62 is a hard, inflexible substance containing mineral fillers. It is characterized by high mechanical strength and enormous adhesion to common metals. In the version with VUKIT LV, it has a very low initial viscosity, i.e. it is also possible to pour narrow profiles. Flammability class V2/ 4mm (UL certified).



VUKOL N70 is a medium-hard, flexible material with a high content of mineral fillers. The substance is highly adhesive to metals, mechanically strong, has good thermal conductivity (0.75 W/(m.K)), flammability class V0/ 4mm (UL certified).



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