

# Product Technical Data Sheet

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## PVB 60 Varnish

Universal varnish for printed circuit boards.

A quick-drying transparent PVB coat with good isolation properties. Protects printed circuit boards and other elements operating in unfavourable weather conditions from corrosion. The coating protects printed circuit boards against the creation of stray currents and short circuits.

### Application:

- Insulates and secures broadly understood electronics, printed boards, cables and wires, high-voltage transformers, electric motor coils,
- Used to avoid short-circuits in the automotive industry,
- Plastic seals of plug and socket casings,
- Creates protective layers in power engineering and electromechanics.

### Properties:

Creates a protective and insulating layer that protects against weather influences such as moisture, oxidation, dusts, chemical contaminations; Adheres well to metal, plastic and wood surfaces; Creates a coating resistant to diluted acids, alkalis, and atmospheric agents; It is possible to solder through the varnish layer; Prevents sparks and corona discharge; Limits ground failures between paths; It does not change the transparency and elasticity even after a long time; Application temperature range: -40°C +60°C. Operating temperature -50°C - 150°C. Flash point - 380°C.

### Physicochemical properties of the liquid:

Parameters	UoM	Result
Density	g/cm <sup>3</sup>	0,792
Operating temperature	°C	-50 ~ 150
Dynamic viscosity at 20°C	mPa*s	~ 44

### Packagings:

Volume	Type of packaging	Collective packaging	Item Code
50 ml	plastic bottle with brush	2 / 20	ART.AGT-199
1 L	metal bottle	1	ART.AGT-217

### Warehousing:

Store in a well-ventilated place, in accordance with the applicable national regulations regarding fires safety and protection - fire retardant storage, without heating, electrical installation and explosion-proof ventilation, flooring with electrically conductive lining; metal devices and equipment of warehouses, tanks, packages etc. on which electrical loads may accumulate should be grounded. Keep away from children.

Data contained in this document are consistent with the current state of our knowledge. They describe typical product properties and applications. However, it is up to the user to examine the suitability of this product for specific applications. We deny liability for the obtained results on the grounds that application conditions lie beyond our control.