

Elecolit® 3061 is an anisotropic conductive, epoxy based adhesive with low stress. It bonds various material combinations with electrically safe contacting in best time and with forming pressure. Elecolit® 3061 has a high ionic purity of < 10ppm and is compliant with the RoHS standards.

Shelf life: 6 months at 5°C

Technische Daten :

Color	brown
Resin	epoxy

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	35000 to 45000
Flash point [°C]	PE-Norm P050	> 100

Curing

24	seconds at	120 °C	object temperature
18	seconds at	150 °C	object temperature
7	seconds at	180 °C	object temperature

under pressure

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 180
Hardness Shore D	PE-Norm P052	58 to 68
Volume resistivity [Ohm x cm]	ASTM-D-257-93	0.001
Water Absorption [Gew-%]	PE-Norm P053	< 0,8
TG DSC [°C]	PE-Norm P009	> 45
Thermal Expansion [ppm/K]	PE-Norm P017	75

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

Adhesives
and more...

Instructions for Use

Surface Preparation

The surfaces to be bonded should be free of dust, oil, fat or any other dirt in order to optimise reproducible results. Lightly soiled surfaces can be cleaned with cleaner IP to create a suitable working surface.

Application

Our products are delivered ready for use. As soon as you receive them, you can dispense or use them for screen printing processes. You should store the products at 5° C for longer shelf life time.

Before using acclimate the adhesive up to room temperature. Liquid Elecolit products have to be homogenised well before application. Paste-like products can be used directly.

1-C Products have no mixing ration and pot life time.

Curing

For curing heat must be applied. The polyaddition starts at temperature over 100°C. Higher temperature will reduce the curing time. For detailed curing information, please look into the technical data sheet. Higher curing temperature will lead to better electrical conductivity and less volume resistivity.

If help is required, please contact our engineering department.
Please read the corresponding **Safety Data Sheet** for this product.