



Sole UK Distributors Of
REINHARDT-TECHNIK
Metering, Mixing &
Dispensing Systems



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Technical Data Sheet

ELECOLIT 6601

Elecolit 6601 is a thermal conductive epoxy formulation. It is used as an adhesive or a potting compound with excellent adhesion to a variety of materials, especially metals. **Elecolit 6601** can be applied by dispensing, screen-printing or with doctor blade. It has very good flowing abilities and has high temperature and chemical resistance.

TECHNICAL DATA

Colour:	Grey
Resin:	Epoxy
Filler:	Approx 50% Aluminium oxide

UNCURED PROPERTIES

Viscosity (Brookfield LVT):	12000 to 20000 mPa*s
Flash Point:	> 100°C
Density:	Approx 2.3 g/cm ³

CURING

30 minutes at 130°C

20 minutes at 150°C

60 minutes at 100°C

Full Strength: 24 Hours

CURED PROPERTIES

Temperature resistance:	-40 to 200°C
Hardness Shore D:	80 to 90
Volume resistivity:	2E + 15 Ohm x cm

ELECOLIT 6601 (Contd.)

Water absorption:	0.3%
TG DSC:	95 to 106°C
Thermal expansion:	48 ppm/K
Dielectric Constant:	0.4 10kHz
Thermal Conductivity	1.05W/mK

