



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



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Technical Data Sheet

VITRALIT 1650

VITRALIT 1650 is a developed Glob-Top especially for the chip resist on the basis of epoxide. One of the remarkable features of the **VITRALIT 1650** is its specially cleanness and its small ionic content (Na+, K+, Cl- <5ppm).

VITRALIT 1650 has the advantages of the chip coating weight from the 1st generation, but has in addition a better adhesiveness and temperature resistance.

Technical Data

Colour	Grey
Resin	Epoxy
Filler	ca. 51% Quartz

Uncured Properties

Viscosity (Brookfield LVT/25°C)	6,000 to 9,000 mPas
Specific Gravity	1.5 g/cm ³
Flash Point	> 93°C

Curing

UV (UV-A 60mW/cm ² (Thickness 0.5 mm))	30 seconds
Final strength	after 24 hours
Maximum thickness	3 mm

Cured Properties

Hardness Shore D	70 - 80
Temperature rating	-40 - 150°C
Shrinkage	1.2%
Water Absorption	0.2%
TG DSC	30 - 40°C
Coefficient of Thermal Expansion	40 ppm/K
Dielectric Constant	3.4 10 khz
Thermal Conductivity	> 0.8 W/mK

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