

Vitralit® 1500 is a cationic UV-hardenable epoxide, which has been developed specially for use in the electronic and electronic technology. One of the remarkable features of this product is its exceptional cleanness and its small ionic content. Vitralit® has a very high TG-value and it has an excellent chemical constancy. It has particle-size distribution of maximum 150 µm.

Technical Data

Color	grey
Resin	epoxy
Filler	approx. 50% quartz

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25 °C) [mPa*s]	PE-Norm P001	6000 to 9000
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.45

Curing

UV(UV-A 60mW/cm² Thickn.st. 0,5mm): [sec.]	PE-Norm P002	90
Full Strength [hours]	PE-Norm P032	24
Depth of Cure [mm]	PE-Norm P033	3

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 180
Hardness Shore D	PE-Norm P052	83 to 93
Shrinkage [Vol-%]	PE-Norm P031	1.4
Water Absorption [Gew-%]	PE-Norm P053	< 0,52
TG DSC [°C]	PE-Norm P009	> 150
Thermal Expansion [ppm/K]	PE-Norm P017	40
Dielectric Constant [10kHz]	PE-Norm P054	3.15
Thermal conductivity [W/mK]	ASTM 1530	0,6

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended 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 R&D department. In general, for guarantee claims, please refer to our standard terms and conditions.

Adhesives
and more...

**Adhesives
and more...**