

Vitralit® 1505 is a cationic UV-curing Epoxy, which was developed especially for application of fibre technics. It is known for it's extrem low steaming qualities.

Additional this product has a very high TG-value and is highly resistant against chemicals.

When stored adequately (+15° C/no UV-radiation) in closed original containers, Vitralit® 1505 can be stored for about six months.

Technical Data

Color	transparent
Resin	epoxy

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	300 to 500
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.12
Refractive Index [nD20]	PE-Norm P018	1.517

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	2

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-40 to 180
Shrinkage [Vol-%]	PE-Norm P031	1.5
Water Absorption [Gew-%]	PE-Norm P053	< 0,5
TG DSC [°C]	PE-Norm P009	> 150
Thermal Expansion [ppm/K]	PE-Norm P017	75
Dielectric Constant [10kHz]	PE-Norm P054	3.4
Dielectric Strength [kV/mm]	PE-Norm P055	16.7

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...