TECHNICAL DATASHEET

Vitralit® 2685

Vitralit® 2685 is a high viscos cationic UV- and thermally curable "no-flow" underfiller for small components.

Special characteristics are:
Low ionic concentration (chloride, fluoride, potassium, sodium <10 ppm)
Low shrinkage
High Tg level
Good thermal shock resistance

A basic surface e.g. from flux material can slow down the curing time

shelf life:

Technical Data

Color	grey
Resin	epoxy
Filler	approx. 50% Quarz < 10µm

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*s]	PE-Norm P001	20000 to 30000
Flash point [°C]	PE-Norm P050	> 100
Density [g/cm³]	PE-Norm P051	approx. 1.1

Curing

UV(UV-A 60mW/cm² Thickn. 0,5mm): [sec.]	PE-Norm P002	60
Thermical Curing 105°C :[Min]	PE-Norm P035	30
Full Strength [hours]	PE-Norm P032	24

CURED PROPERTIES

Temperature Resistance [°C]	PE-Norm P030	-50 to 150
Hardness Shore D	PE-Norm P052	80 to 90
TG DSC [°C]	PE-Norm P009	140 to 150
Thermal Expansion [ppm/K]	PE-Norm P017	30

Adhesives and more...

Otherwise the guidelines for application, storage etc. in our general Data Sheet Vitralit® are valid.

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Vitralit UV- epoxy, filled, dual curable:

Adhesives and more...

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